

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081124.D
 Acq On : 22 Feb 2024 10:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:18:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	329257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	590913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	536410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244664	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196869	48.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.165	113	170524	51.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.060%
50) Toluene-d8	10.565	98	577565	48.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.847	95	224156	50.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	243210	57.118	ug/l	97
3) Chloromethane	2.359	50	225265	48.445	ug/l	97
4) Vinyl Chloride	2.518	62	250495	52.962	ug/l	95
5) Bromomethane	2.959	94	165030	49.125	ug/l	99
6) Chloroethane	3.124	64	163207	53.430	ug/l	99
7) Trichlorofluoromethane	3.501	101	387556	56.089	ug/l	93
8) Diethyl Ether	3.959	74	137849	54.567	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	218855	56.817	ug/l	92
10) Methyl Iodide	4.589	142	250304	58.216	ug/l	99
11) Tert butyl alcohol	5.512	59	198109	266.923	ug/l	99
12) 1,1-Dichloroethene	4.342	96	208083	55.884	ug/l	87
13) Acrolein	4.177	56	112770	283.484	ug/l	100
14) Allyl chloride	5.018	41	307132	55.592	ug/l #	90
15) Acrylonitrile	5.718	53	534035	275.507	ug/l	98
16) Acetone	4.424	43	316495	199.306	ug/l	99
17) Carbon Disulfide	4.712	76	525233	50.573	ug/l	97
18) Methyl Acetate	5.024	43	242169	62.514	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	718689	56.355	ug/l	95
20) Methylene Chloride	5.277	84	234749	57.278	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	222904	53.657	ug/l	92
22) Diisopropyl ether	6.671	45	722036	57.613	ug/l #	95
23) Vinyl Acetate	6.600	43	2855525	280.831	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	416954	57.539	ug/l	96
25) 2-Butanone	7.483	43	639048	249.099	ug/l	94
26) 2,2-Dichloropropane	7.494	77	383342	56.458	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	266513	55.217	ug/l	87
28) Bromochloromethane	7.812	49	168506	56.090	ug/l #	67
29) Tetrahydrofuran	7.836	42	456681	266.667	ug/l #	87
30) Chloroform	7.965	83	444006	57.636	ug/l	97
31) Cyclohexane	8.253	56	371488	53.310	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	395029	56.305	ug/l	94
36) 1,1-Dichloropropene	8.371	75	323993	56.597	ug/l	95
37) Ethyl Acetate	7.559	43	290120	56.154	ug/l	99
38) Carbon Tetrachloride	8.359	117	341700	58.998	ug/l	95
39) Methylcyclohexane	9.600	83	381501	57.169	ug/l #	91
40) Benzene	8.606	78	956352	57.717	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	155892	53.018	ug/l	94
42) 1,2-Dichloroethane	8.671	62	335929	58.110	ug/l	100
43) Isopropyl Acetate	8.688	43	509160	56.349	ug/l #	95
44) Trichloroethene	9.353	130	246825	55.928	ug/l	100
45) 1,2-Dichloropropane	9.624	63	246935	59.576	ug/l	94
46) Dibromomethane	9.706	93	171017	56.628	ug/l	92
47) Bromodichloromethane	9.888	83	347376	60.733	ug/l #	97
48) Methyl methacrylate	9.682	41	232906	55.395	ug/l	88
49) 1,4-Dioxane	9.694	88	84097	1090.556	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1496476	287.901	ug/l	95
52) Toluene	10.629	92	609853	58.137	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	380309	59.834	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	406781	59.235	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	237181	58.787	ug/l	93
56) Ethyl methacrylate	10.877	69	363241	58.909	ug/l	89
57) 1,3-Dichloropropane	11.165	76	411772	59.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	779470	251.941	ug/l #	88
59) 2-Hexanone	11.194	43	1085265	263.356	ug/l	95
60) Dibromochloromethane	11.359	129	251506	58.679	ug/l	100
61) 1,2-Dibromoethane	11.471	107	245909	57.961	ug/l	98
64) Tetrachloroethene	11.106	164	213125	58.215	ug/l	91
65) Chlorobenzene	11.894	112	641251	55.235	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	242976	58.269	ug/l	97
67) Ethyl Benzene	11.965	91	1182164	56.905	ug/l	96
68) m/p-Xylenes	12.071	106	902597	113.352	ug/l	95
69) o-Xylene	12.400	106	443782	56.224	ug/l	95
70) Styrene	12.412	104	735702	58.820	ug/l	97
71) Bromoform	12.582	173	164224	62.076	ug/l #	97
73) Isopropylbenzene	12.694	105	1175254	54.902	ug/l	98
74) N-amyl acetate	12.494	43	464727	51.367	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	325593	54.092	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	436907	78.595	ug/l	64
77) Bromobenzene	12.982	156	261353	54.756	ug/l	76
78) n-propylbenzene	13.035	91	1397824	56.723	ug/l	96
79) 2-Chlorotoluene	13.129	91	812652	53.764	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	978713	56.390	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	131083	60.695	ug/l	91
82) 4-Chlorotoluene	13.223	91	807324	54.625	ug/l	96
83) tert-Butylbenzene	13.441	119	844878	56.297	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	980297	56.680	ug/l	96
85) sec-Butylbenzene	13.618	105	1229405	58.926	ug/l	94
86) p-Isopropyltoluene	13.729	119	1013419	58.479	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	492593	54.621	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	490439	55.344	ug/l	97
89) n-Butylbenzene	14.059	91	912982	60.472	ug/l	97
90) Hexachloroethane	14.335	117	171393	59.834	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	473582	54.446	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62210	49.709	ug/l	71
93) 1,2,4-Trichlorobenzene	15.394	180	279750	57.649	ug/l	100
94) Hexachlorobutadiene	15.500	225	104572	57.782	ug/l	95
95) Naphthalene	15.641	128	959099	53.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	272112	56.526	ug/l	98

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QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

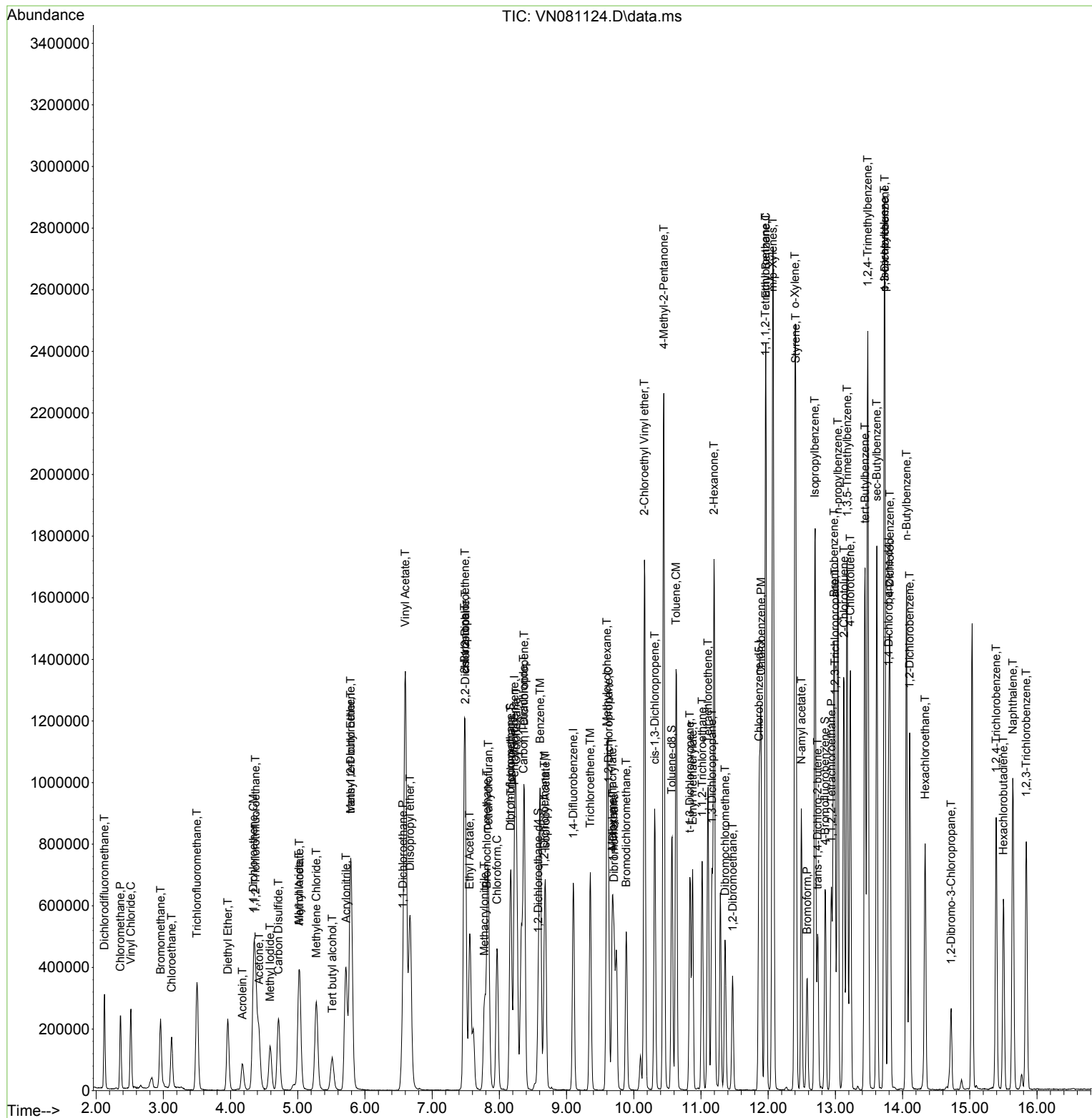
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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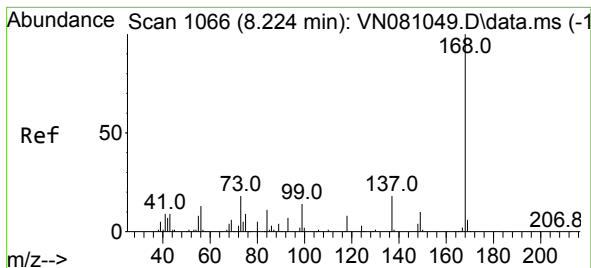
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

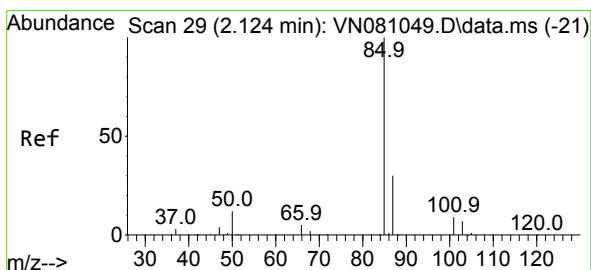
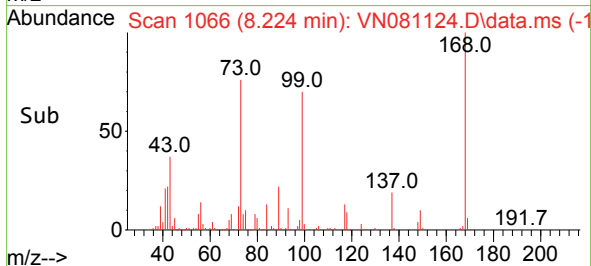
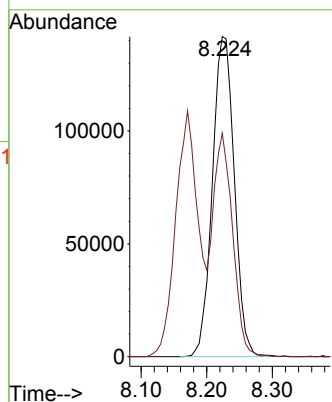
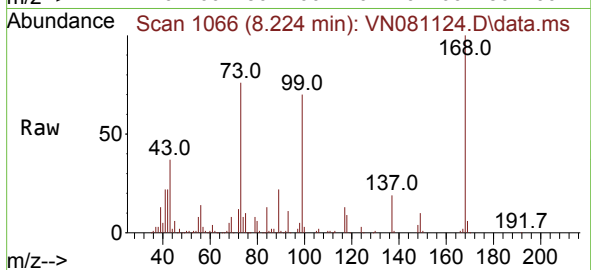
ClientSampleId :

Tgt Ion:168 Resp: 329257

Ion Ratio Lower Upper

168 100

99 69.7 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 57.118 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081124.D

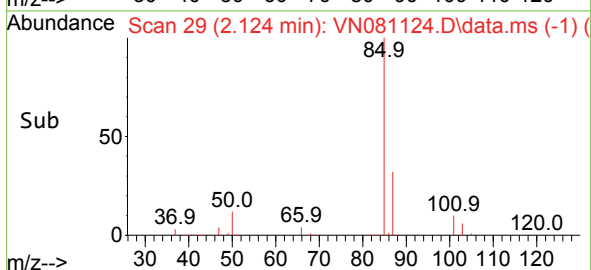
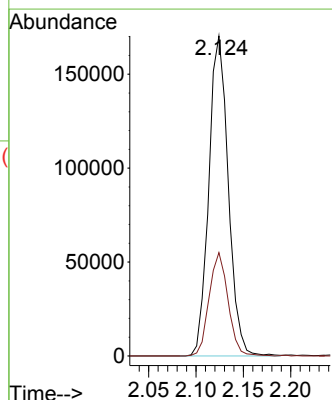
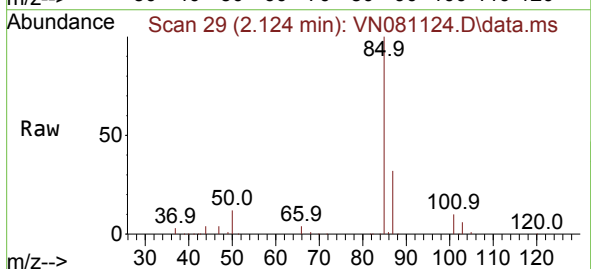
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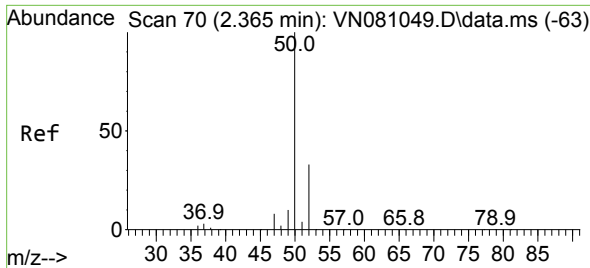
Tgt Ion: 85 Resp: 243210

Ion Ratio Lower Upper

85 100

87 32.3 15.3 45.9

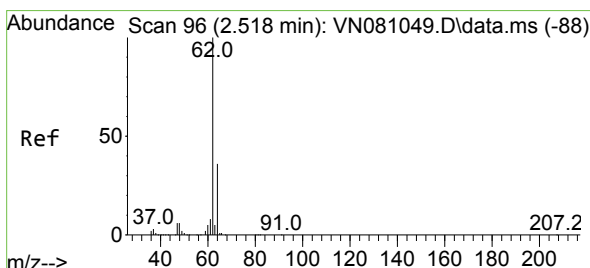
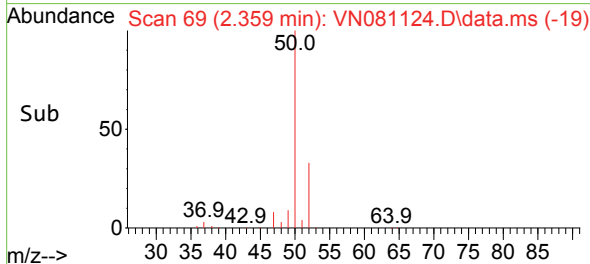
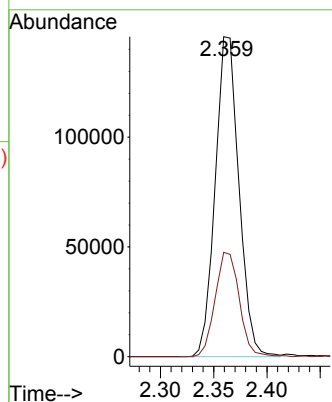
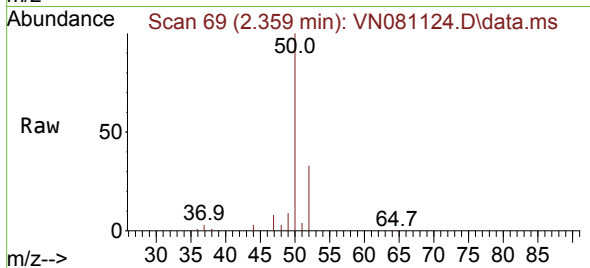




#3
Chloromethane
Concen: 48.445 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

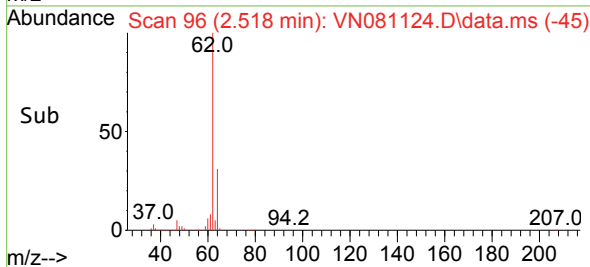
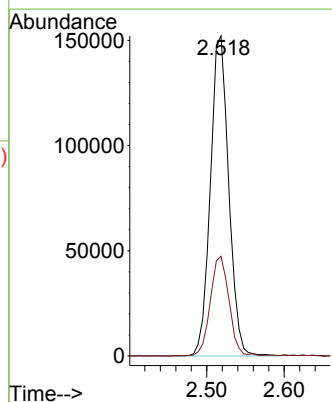
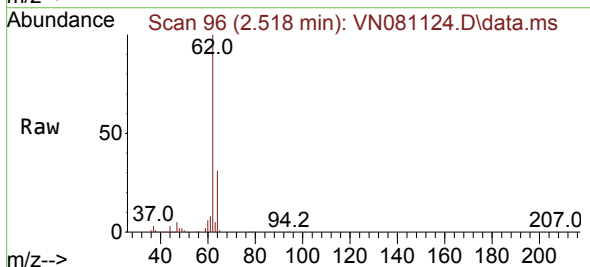
Instrument :
MSVOA_N
ClientSampleId :

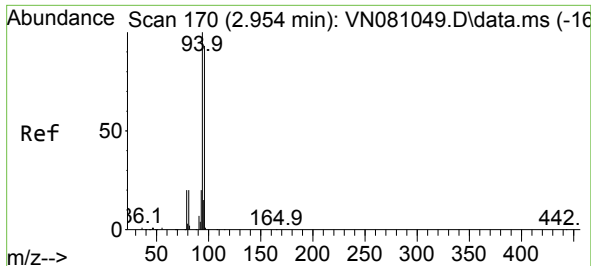
Tgt Ion: 50 Resp: 225265
Ion Ratio Lower Upper
50 100
52 32.6 25.0 37.4



#4
Vinyl Chloride
Concen: 52.962 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 62 Resp: 250495
Ion Ratio Lower Upper
62 100
64 31.0 22.7 34.1

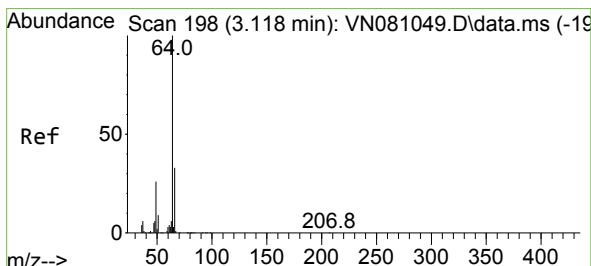
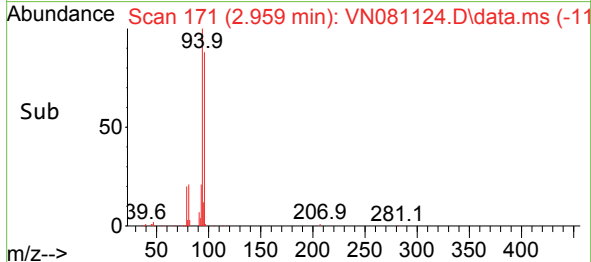
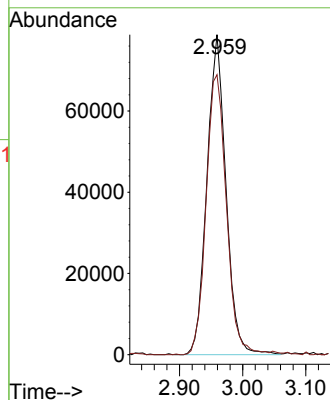
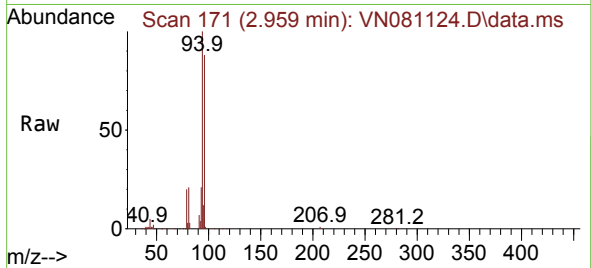




#5
Bromomethane
Concen: 49.125 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081124.D
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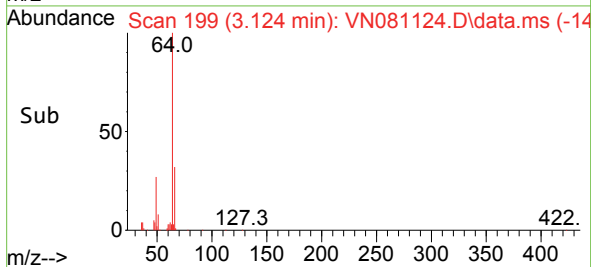
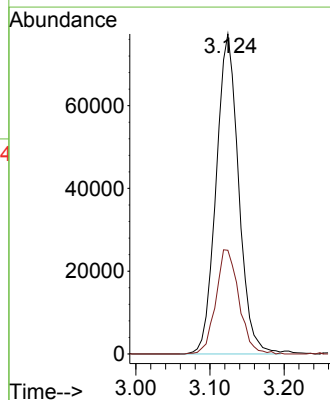
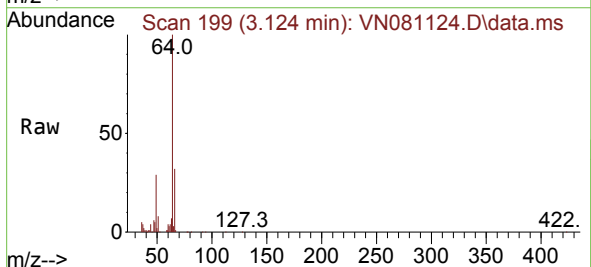
Instrument :
MSVOA_N
ClientSampleId :

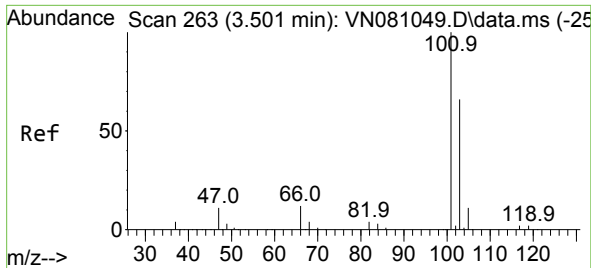
Tgt Ion: 94 Resp: 165030
Ion Ratio Lower Upper
94 100
96 87.5 69.2 103.8



#6
Chloroethane
Concen: 53.430 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081124.D
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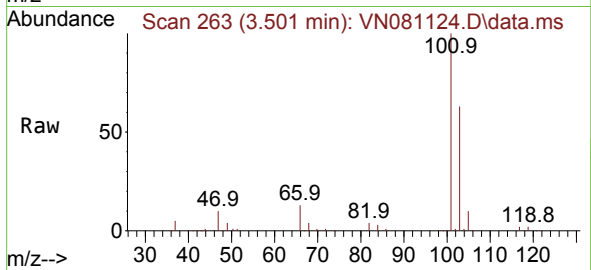
Tgt Ion: 64 Resp: 163207
Ion Ratio Lower Upper
64 100
66 32.4 26.4 39.6



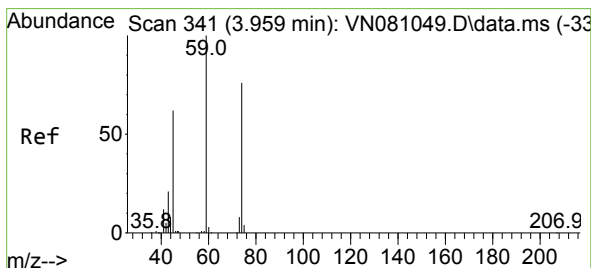
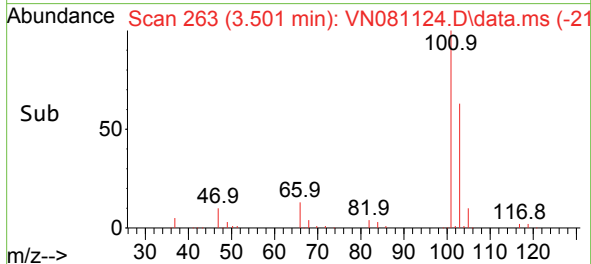
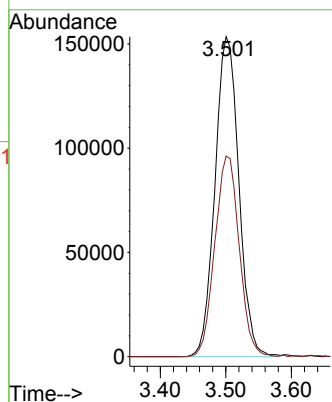


#7
 Trichlorofluoromethane
 Concen: 56.089 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Instrument :
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 ClientSampleId :

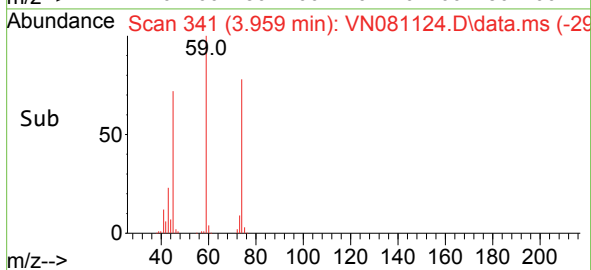
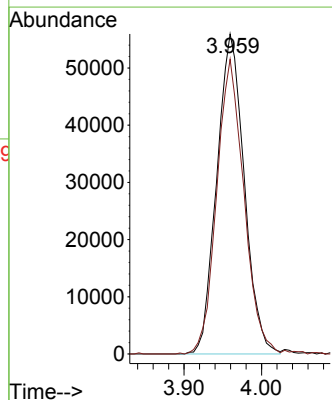
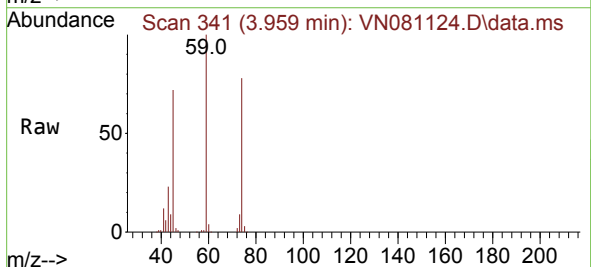


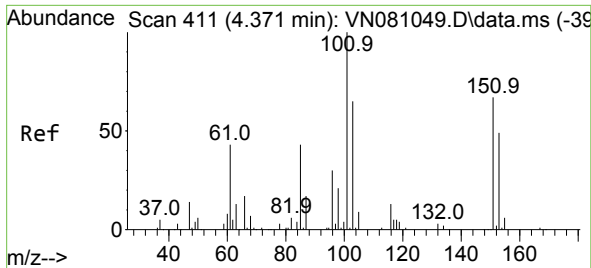
Tgt Ion:101 Resp: 387556
 Ion Ratio Lower Upper
 101 100
 103 62.7 54.4 81.6



#8
 Diethyl Ether
 Concen: 54.567 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion: 74 Resp: 137849
 Ion Ratio Lower Upper
 74 100
 45 91.2 53.3 159.9

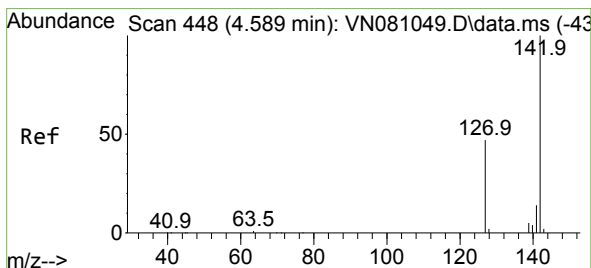
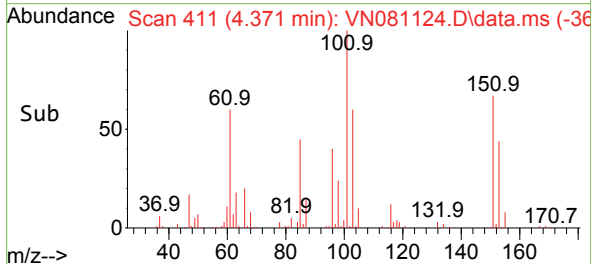
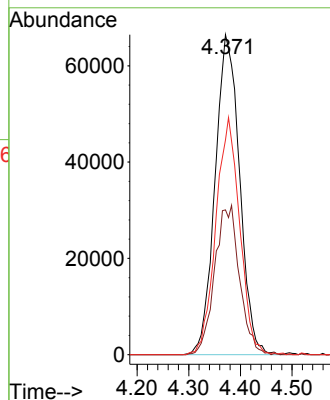
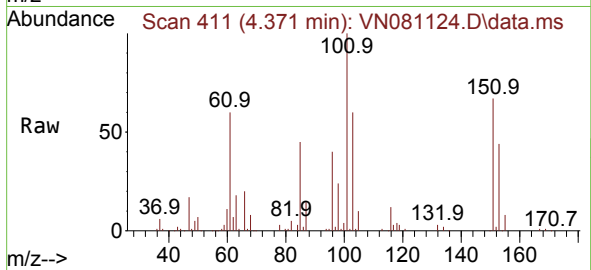




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.817 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

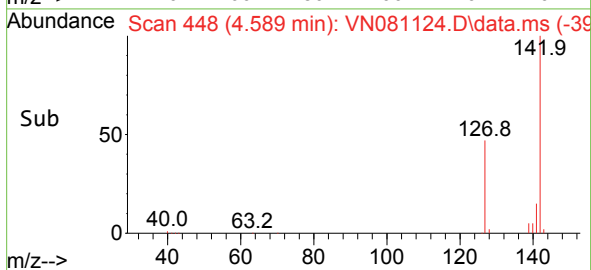
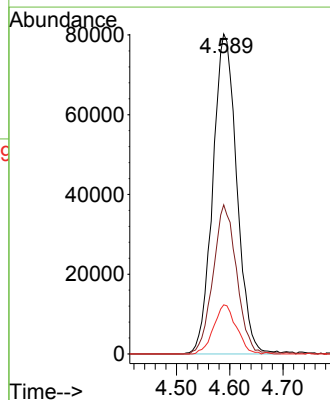
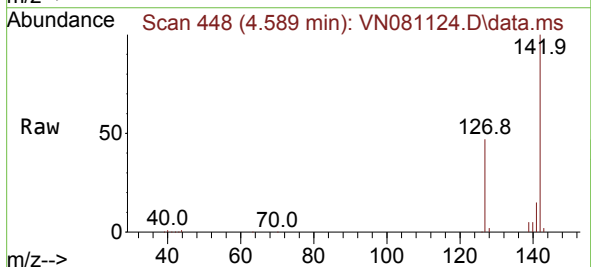
Instrument :
MSVOA_N
ClientSampleId :

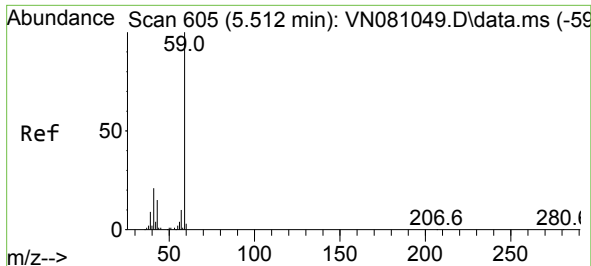
Tgt Ion:101 Resp: 218855
Ion Ratio Lower Upper
101 100
85 47.2 38.1 57.1
151 72.4 49.1 73.7



#10
Methyl Iodide
Concen: 58.216 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion:142 Resp: 250304
Ion Ratio Lower Upper
142 100
127 46.6 37.0 55.4
141 15.3 12.5 18.7

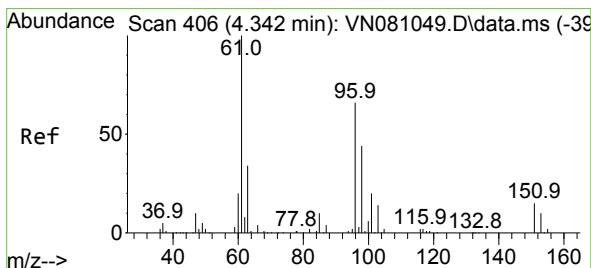
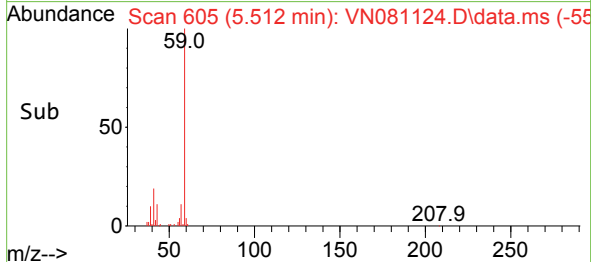
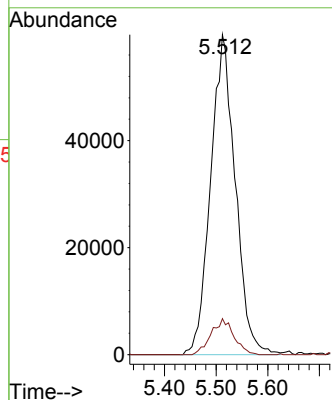
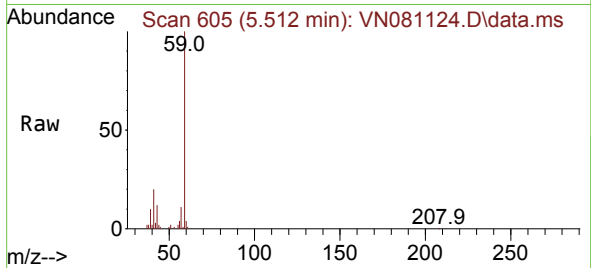




#11
Tert butyl alcohol
Concen: 266.923 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

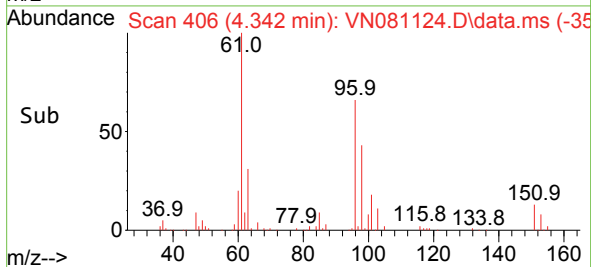
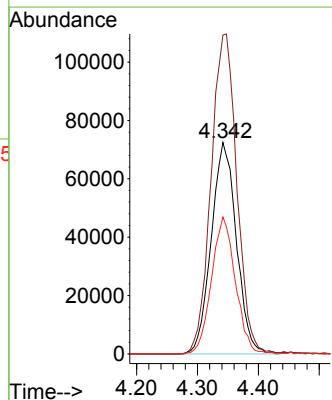
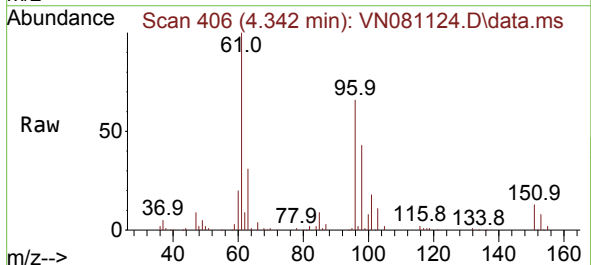
Instrument :
MSVOA_N
ClientSampleId :

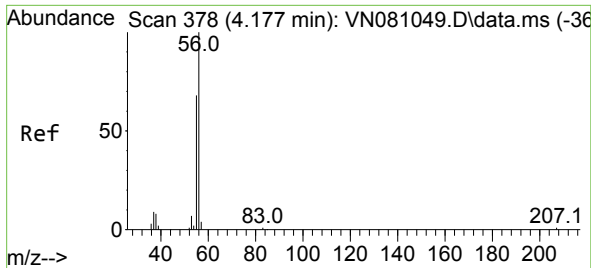
Tgt Ion: 59 Resp: 198109
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 55.884 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 96 Resp: 208083
Ion Ratio Lower Upper
96 100
61 150.8 138.2 207.4
98 64.7 49.2 73.8





#13

Acrolein

Concen: 283.484 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

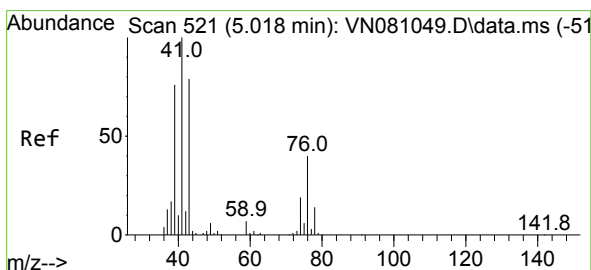
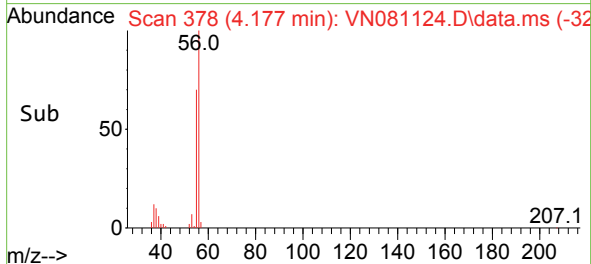
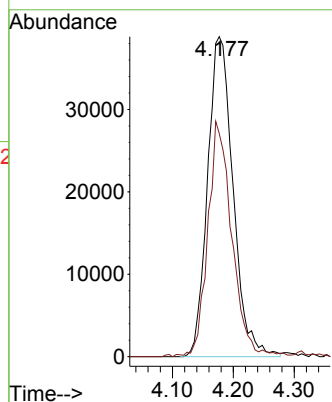
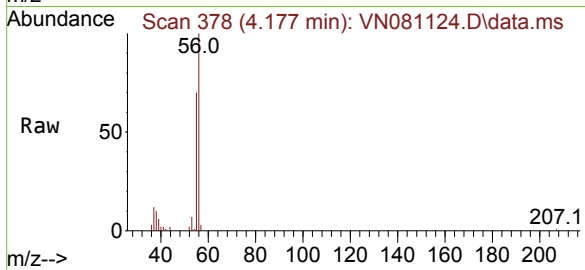
ClientSampleId :

Tgt Ion: 56 Resp: 112770

Ion Ratio Lower Upper

56 100

55 69.3 55.3 82.9



#14

Allyl chloride

Concen: 55.592 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

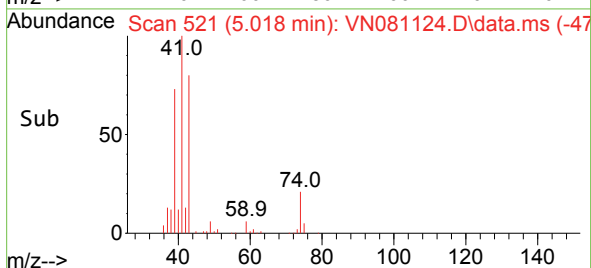
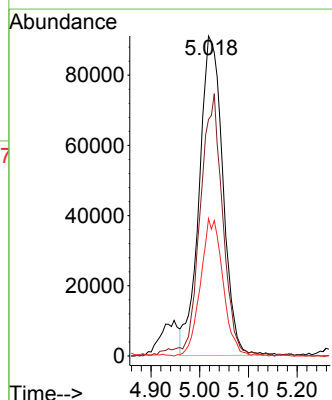
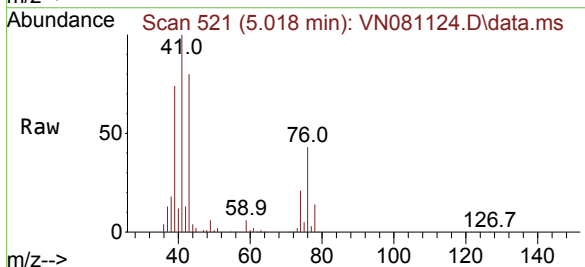
Tgt Ion: 41 Resp: 307132

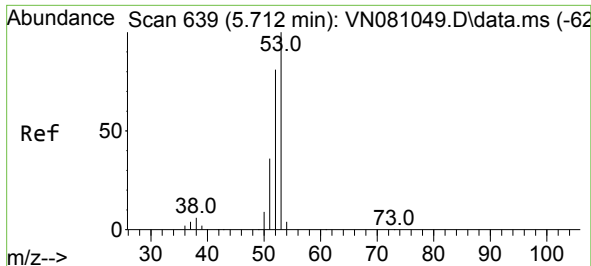
Ion Ratio Lower Upper

41 100

39 78.9 57.7 86.5

76 40.8 26.8 40.2#

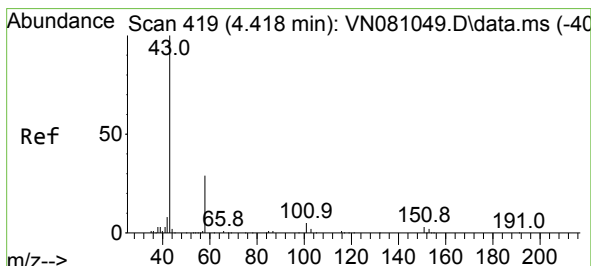
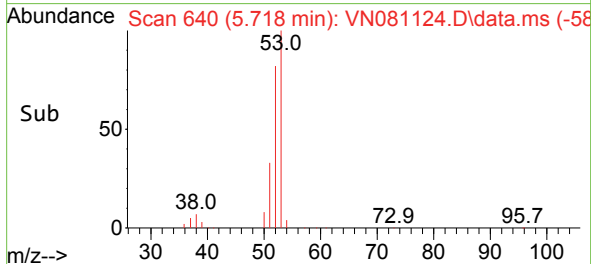
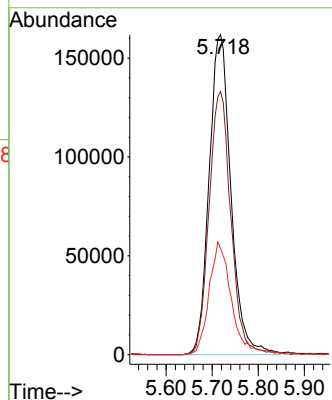
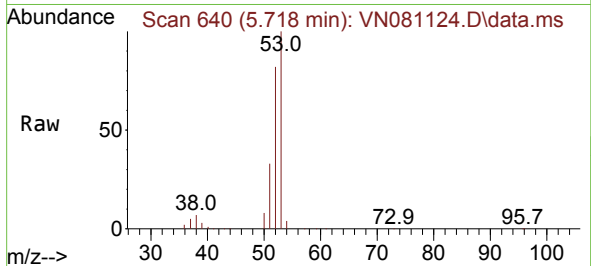




#15
Acrylonitrile
Concen: 275.507 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

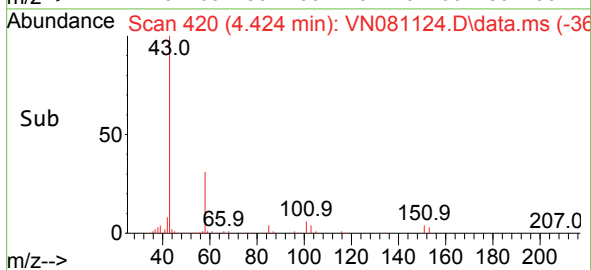
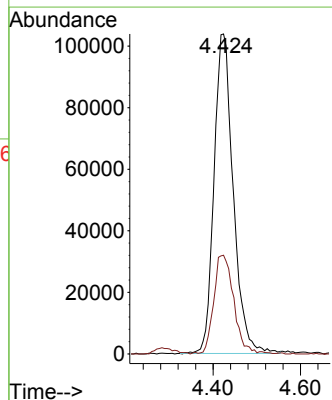
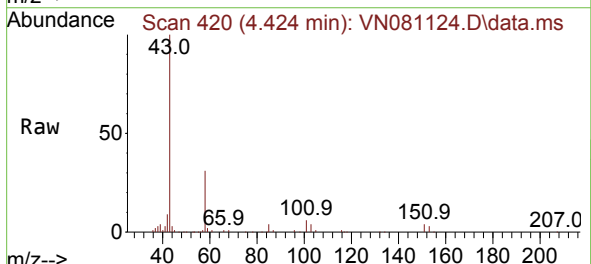
Instrument :
MSVOA_N
ClientSampleId :

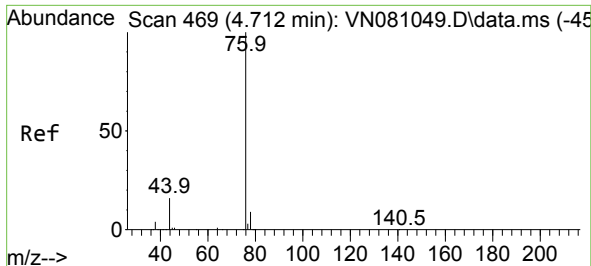
Tgt Ion: 53 Resp: 534035
Ion Ratio Lower Upper
53 100
52 82.2 64.8 97.2
51 36.0 26.9 40.3



#16
Acetone
Concen: 199.306 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 43 Resp: 316495
Ion Ratio Lower Upper
43 100
58 30.5 24.8 37.2

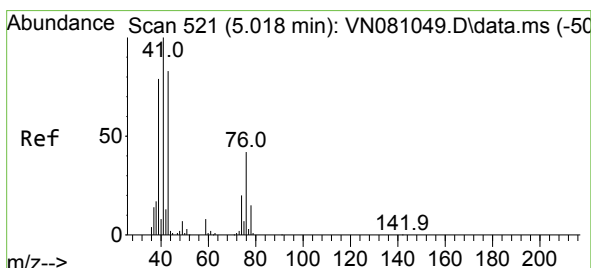
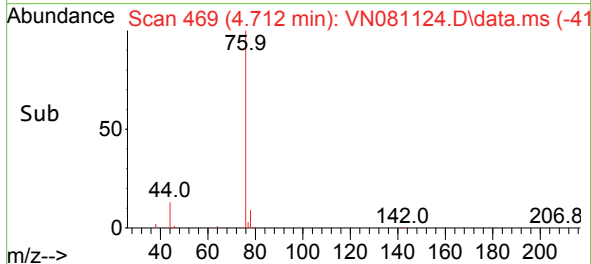
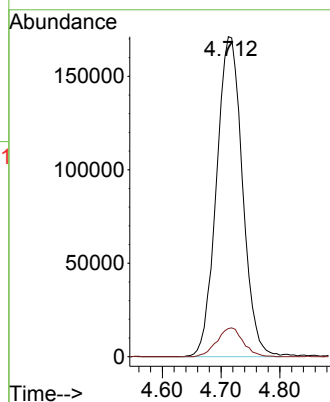
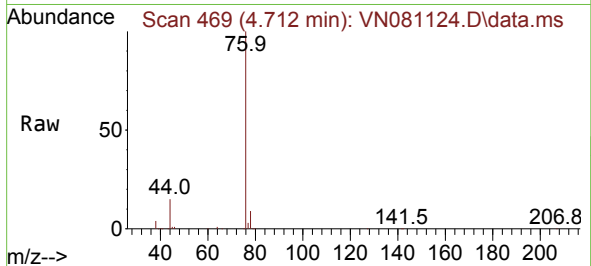




#17
Carbon Disulfide
Concen: 50.573 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

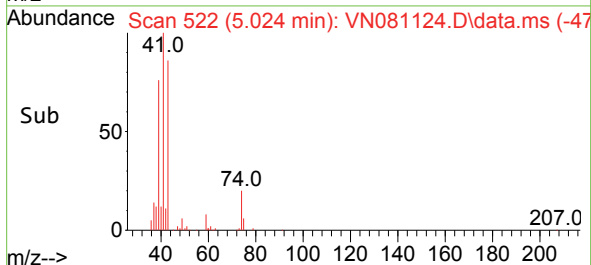
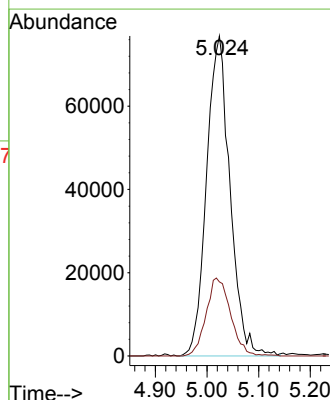
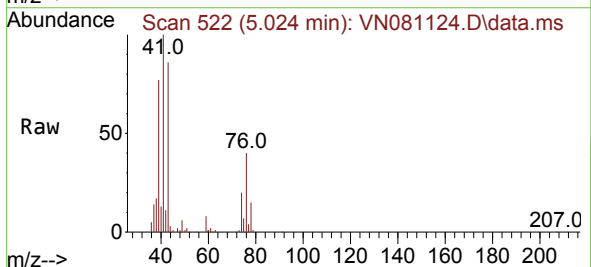
Instrument :
MSVOA_N
ClientSampleId :

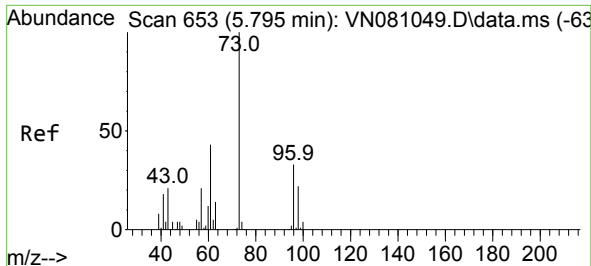
Tgt Ion: 76 Resp: 525233
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5



#18
Methyl Acetate
Concen: 62.514 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 43 Resp: 242169
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9

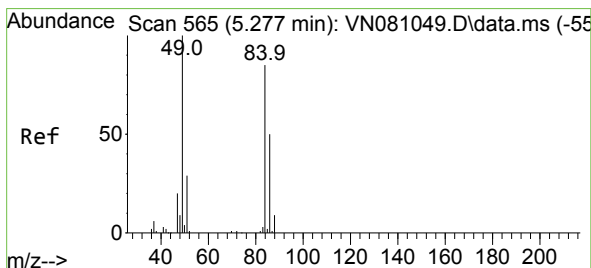
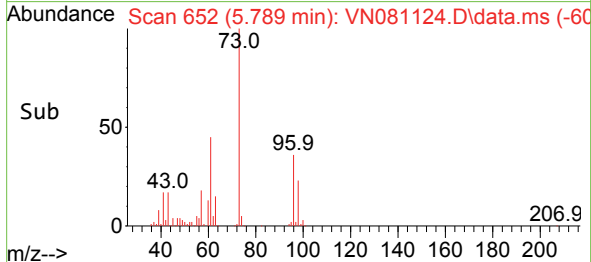
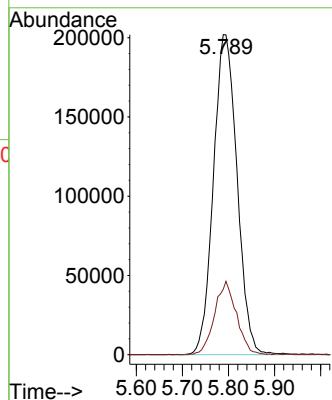
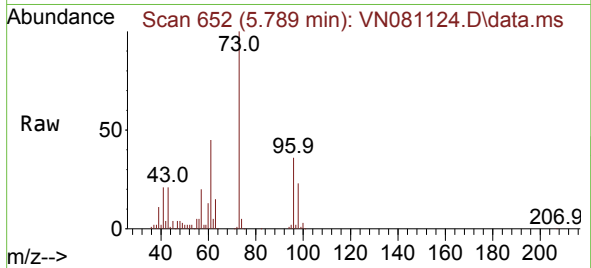




#19
Methyl tert-butyl Ether
Concen: 56.355 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

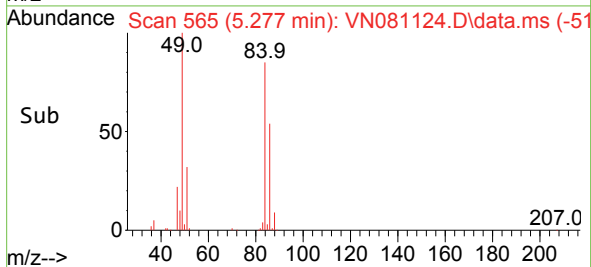
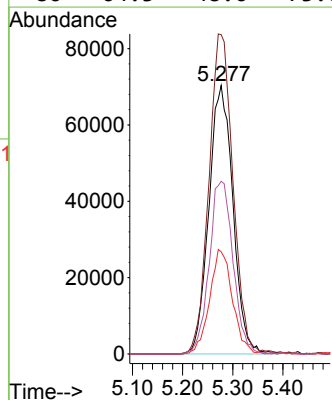
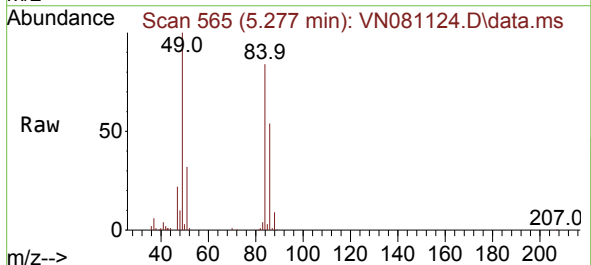
Instrument :
MSVOA_N
ClientSampleId :

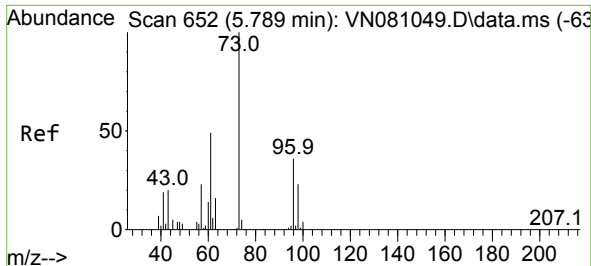
Tgt Ion: 73 Resp: 718689
Ion Ratio Lower Upper
73 100
57 20.5 18.2 27.4



#20
Methylene Chloride
Concen: 57.278 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

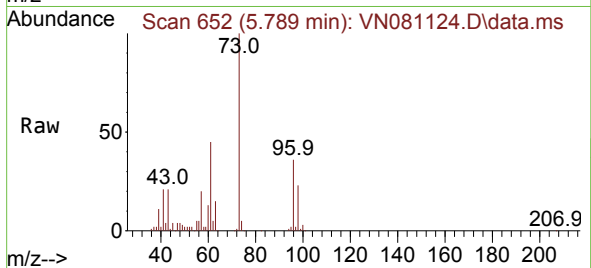
Tgt Ion: 84 Resp: 234749
Ion Ratio Lower Upper
84 100
49 118.9 108.1 162.1
51 38.1 32.9 49.3
86 64.3 48.6 73.0



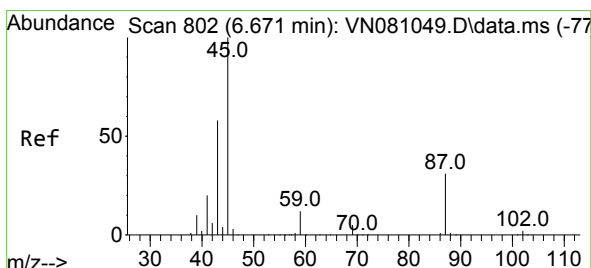
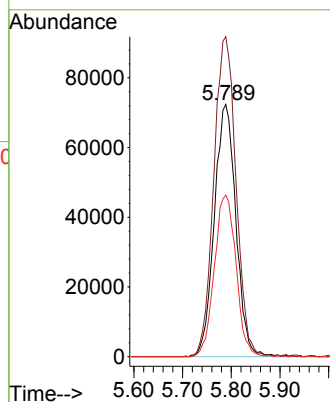
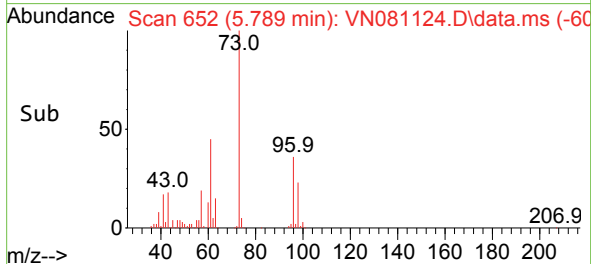


#21
trans-1,2-Dichloroethene
Concen: 53.657 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :

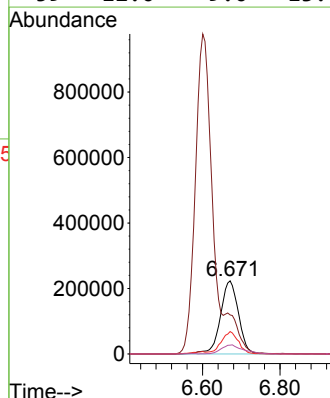
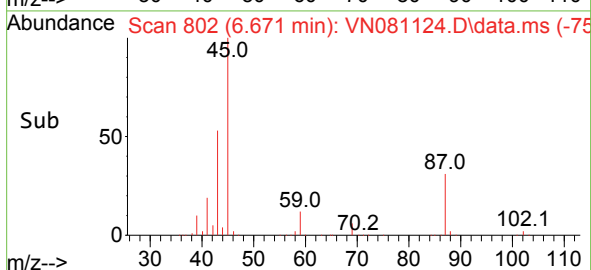
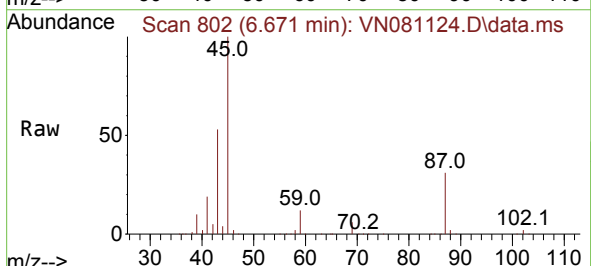


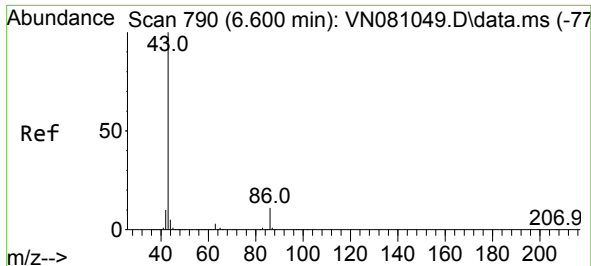
Tgt Ion: 96 Resp: 222904
Ion Ratio Lower Upper
96 100
61 126.9 112.8 169.2
98 64.1 51.0 76.4



#22
Diisopropyl ether
Concen: 57.613 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

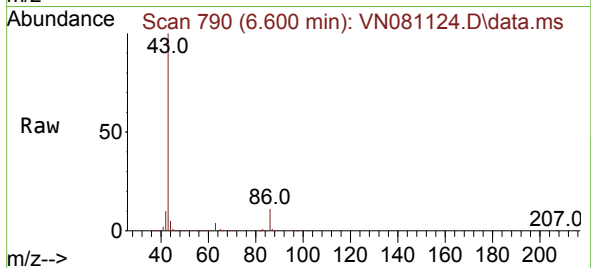
Tgt Ion: 45 Resp: 722036
Ion Ratio Lower Upper
45 100
43 52.8 41.8 62.8
87 30.7 18.1 27.1#
59 12.0 9.0 13.6



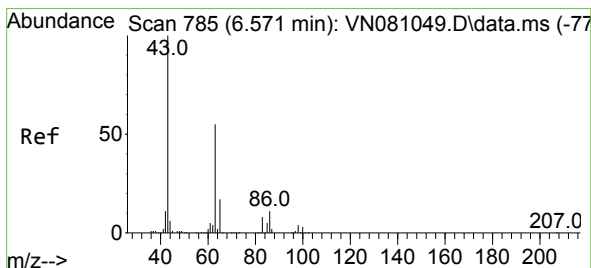
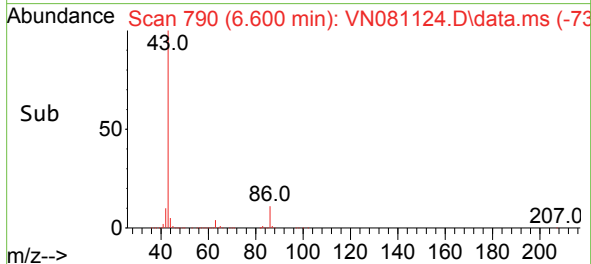
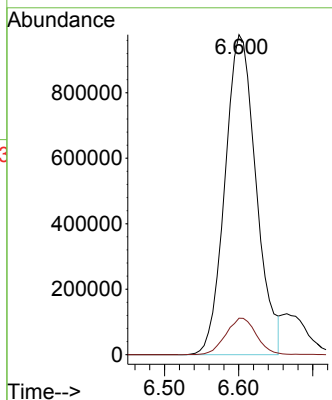


#23
 Vinyl Acetate
 Concen: 280.831 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Instrument :
 MSVOA_N
 ClientSampleId :

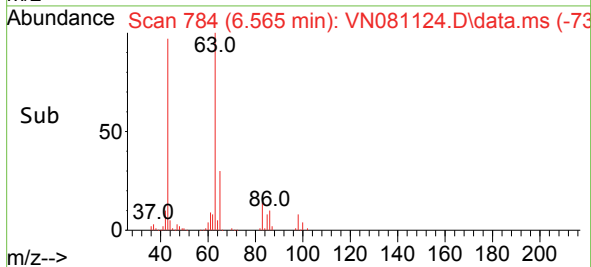
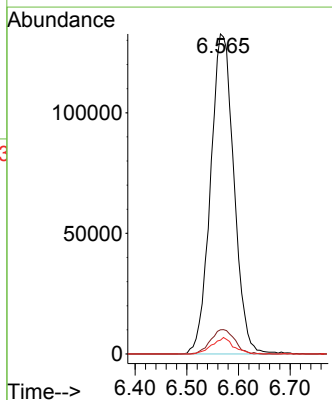
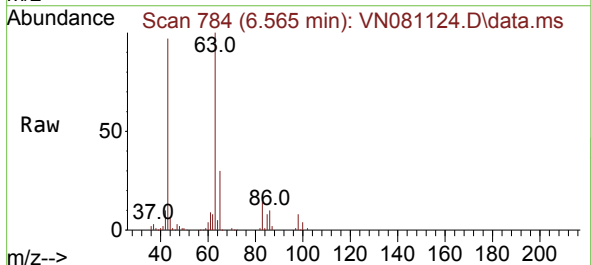


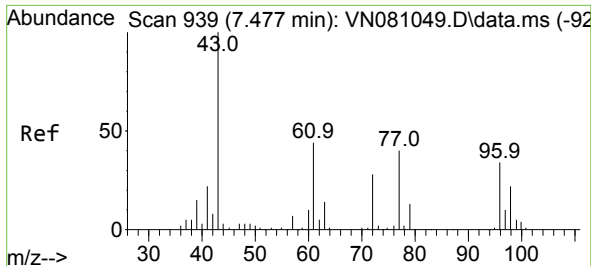
Tgt Ion: 43 Resp: 2855525
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 57.539 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion: 63 Resp: 416954
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 4.3 1.9 5.7





#25

2-Butanone

Concen: 249.099 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

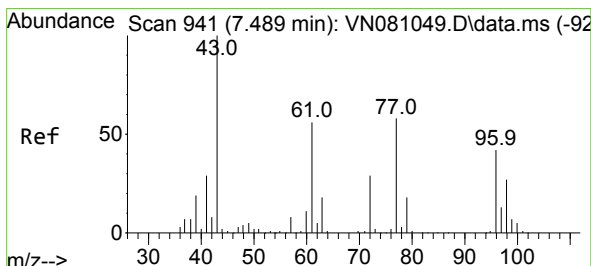
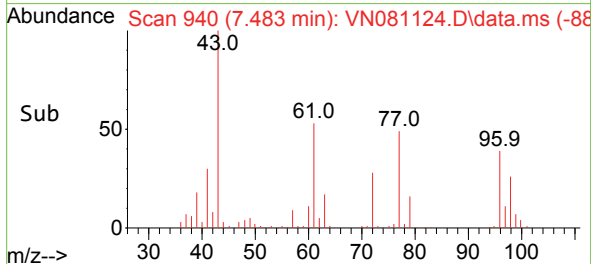
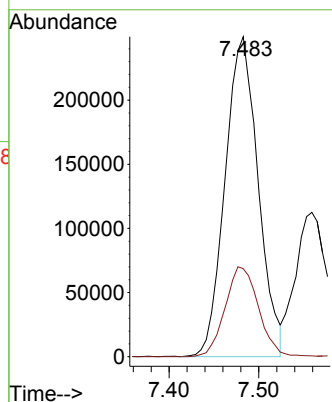
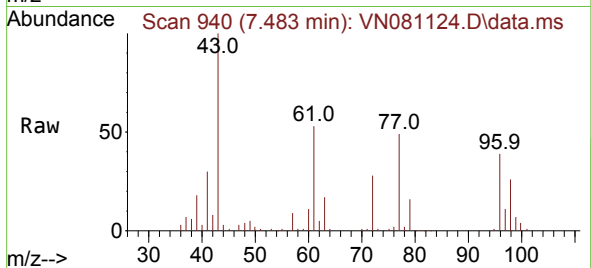
ClientSampleId :

Tgt Ion: 43 Resp: 639048

Ion Ratio Lower Upper

43 100

72 27.5 19.5 29.3



#26

2,2-Dichloropropane

Concen: 56.458 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN081124.D

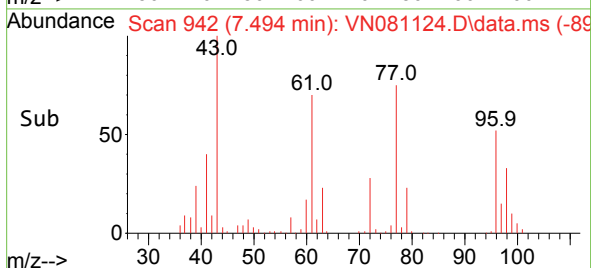
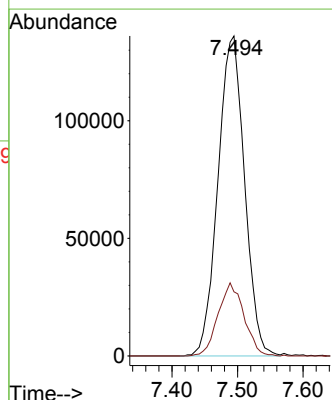
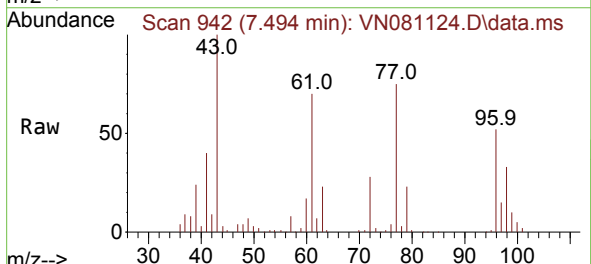
Acq: 22 Feb 2024 10:27

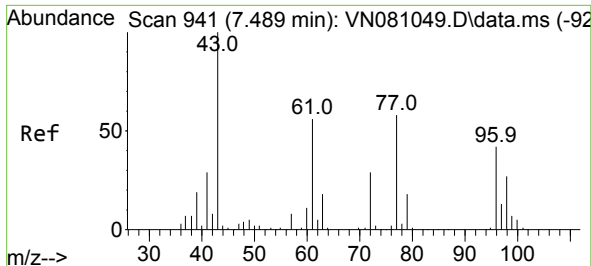
Tgt Ion: 77 Resp: 383342

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5

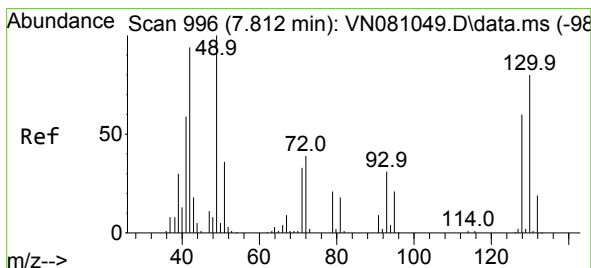
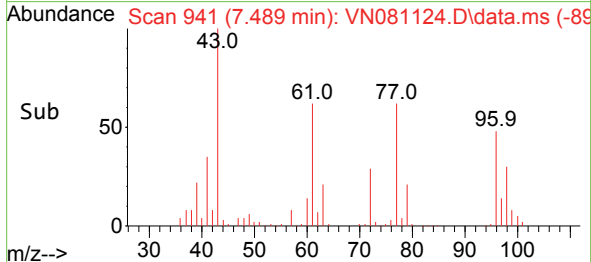
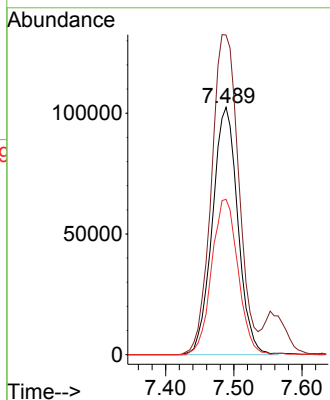
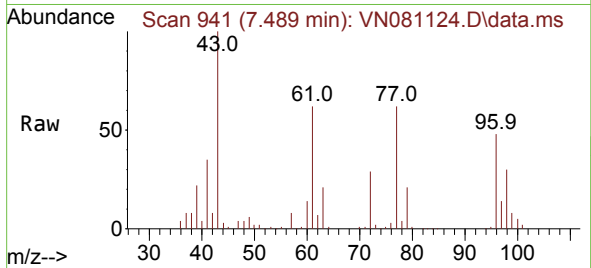




#27
 cis-1,2-Dichloroethene
 Concen: 55.217 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

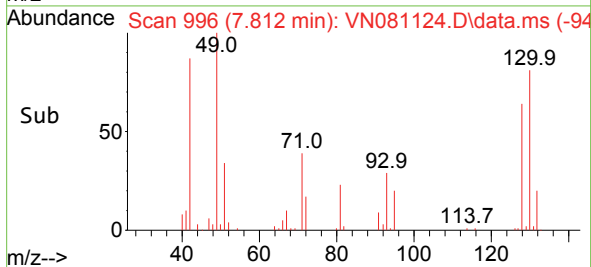
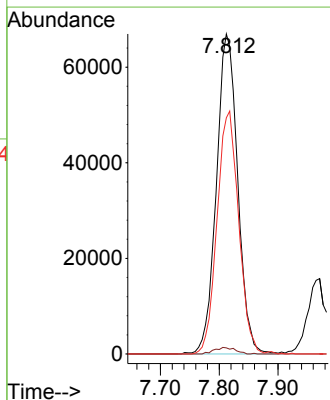
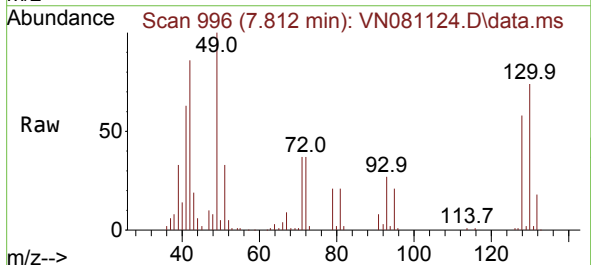
Instrument :
 MSVOA_N
 ClientSampleId :

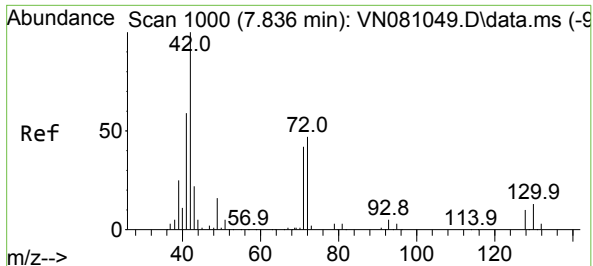
Tgt Ion: 96 Resp: 266513
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 325.4
 98 64.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 56.090 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion: 49 Resp: 168506
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 76.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 266.667 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

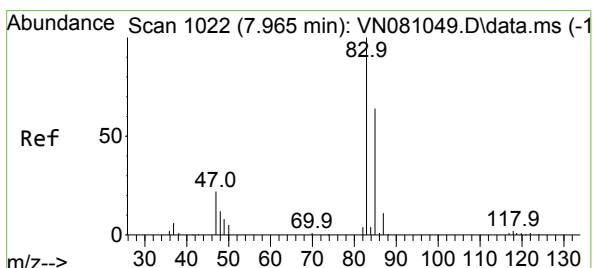
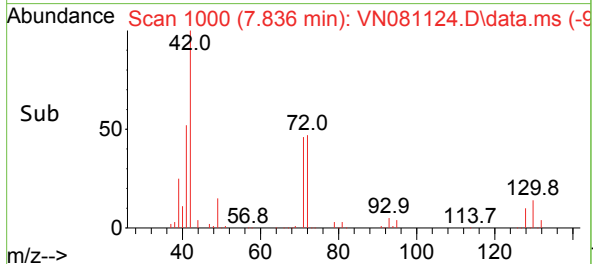
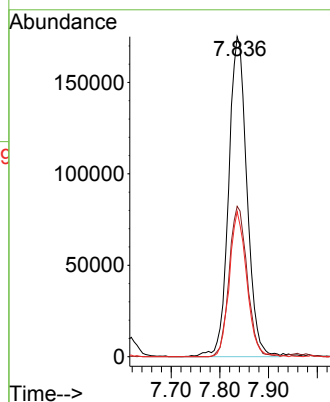
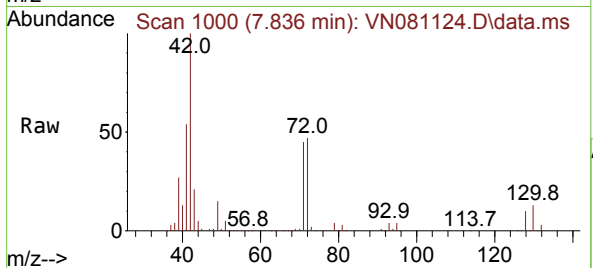
Tgt Ion: 42 Resp: 456681

Ion Ratio Lower Upper

42 100

72 46.5 31.1 46.7

71 43.0 28.3 42.5#



#30

Chloroform

Concen: 57.636 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081124.D

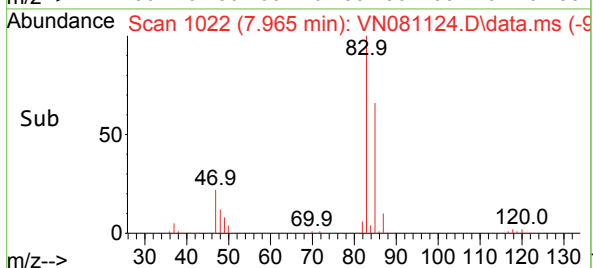
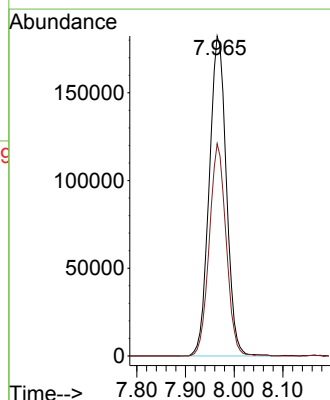
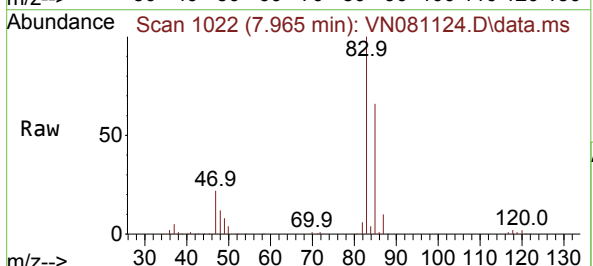
Acq: 22 Feb 2024 10:27

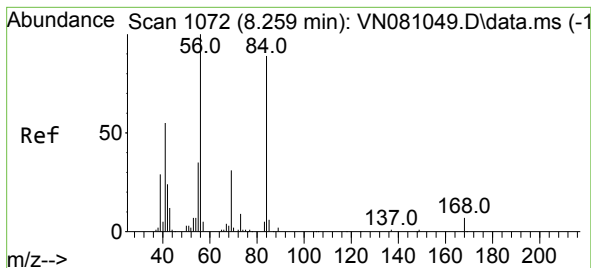
Tgt Ion: 83 Resp: 444006

Ion Ratio Lower Upper

83 100

85 66.4 51.0 76.6





#31

Cyclohexane

Concen: 53.310 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

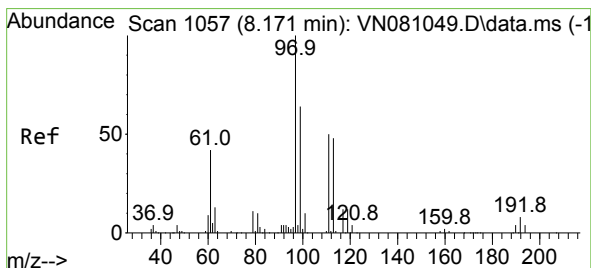
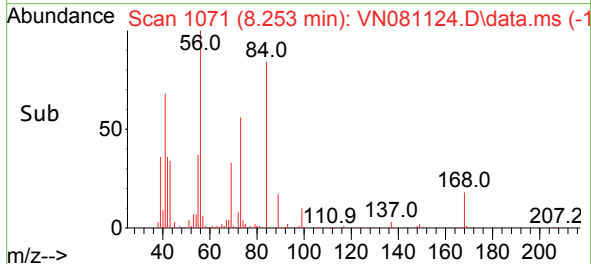
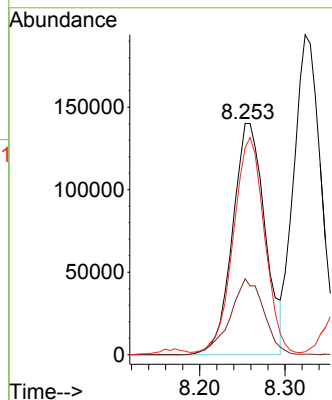
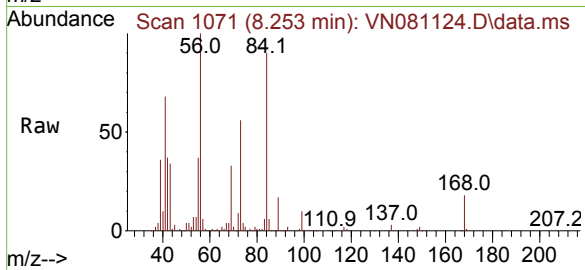
Tgt Ion: 56 Resp: 371488

Ion Ratio Lower Upper

56 100

69 32.8 20.1 30.1#

84 87.6 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 56.305 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

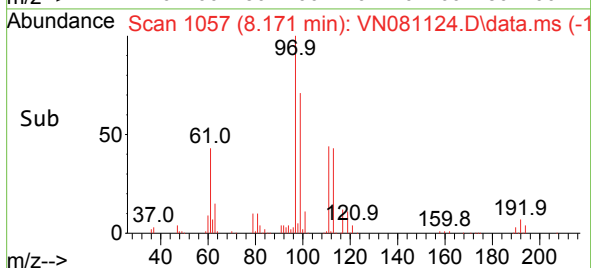
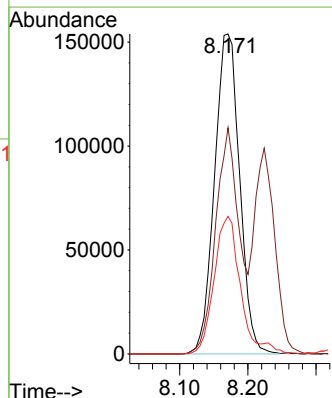
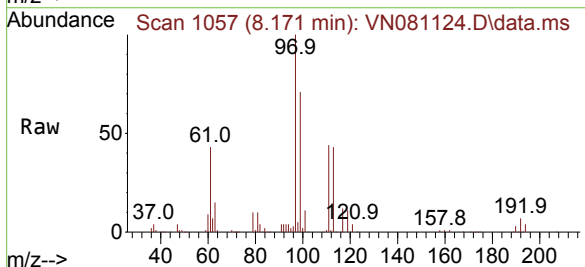
Tgt Ion: 97 Resp: 395029

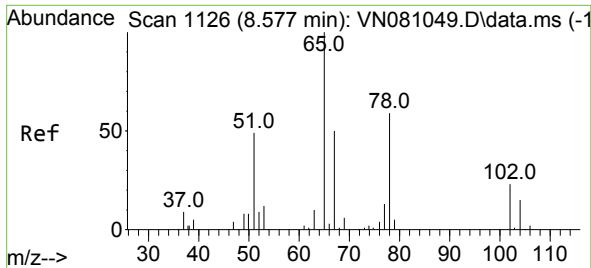
Ion Ratio Lower Upper

97 100

99 66.5 53.4 80.0

61 45.1 43.8 65.8

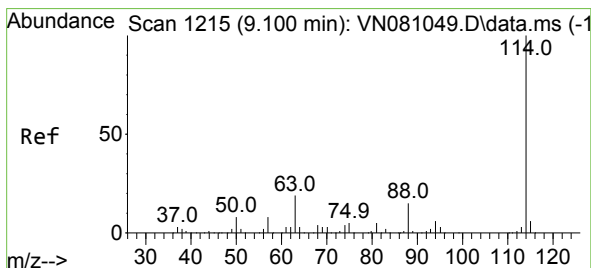
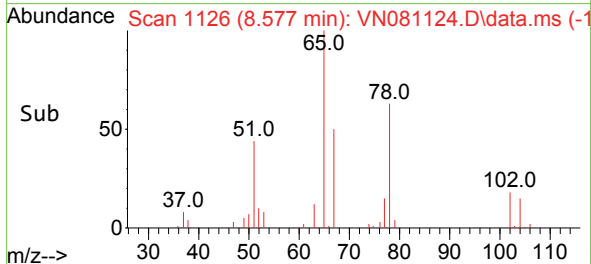
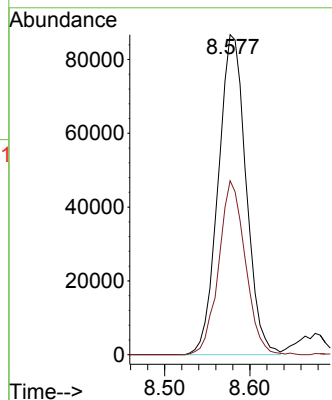
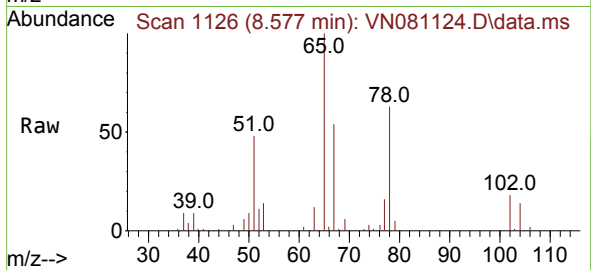




#33
1,2-Dichloroethane-d4
Concen: 48.781 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

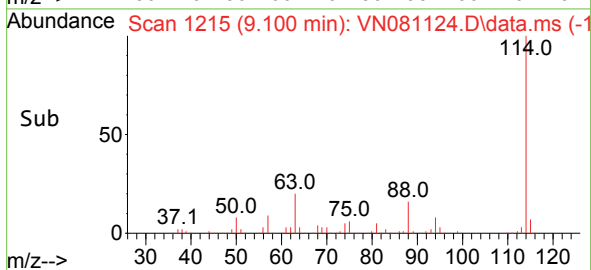
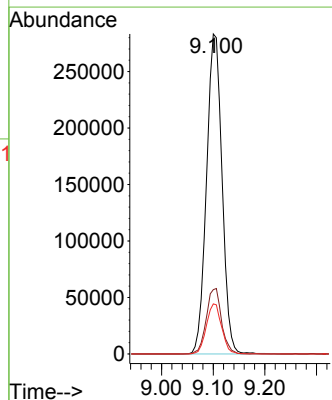
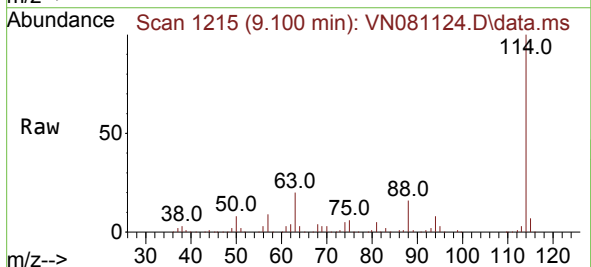
Instrument :
MSVOA_N
ClientSampleId :

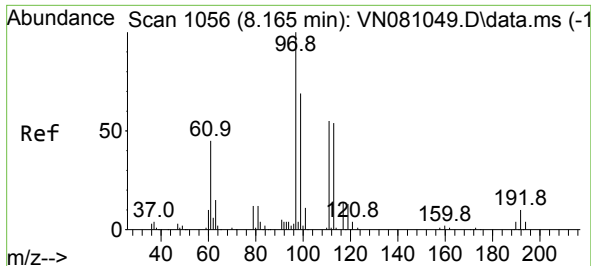
Tgt Ion: 65 Resp: 196869
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 114 Resp: 590913
Ion Ratio Lower Upper
114 100
63 20.1 0.0 48.0
88 15.6 0.0 34.8

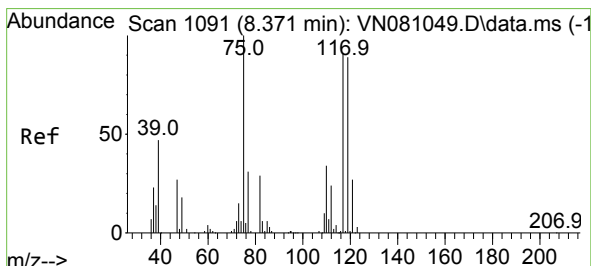
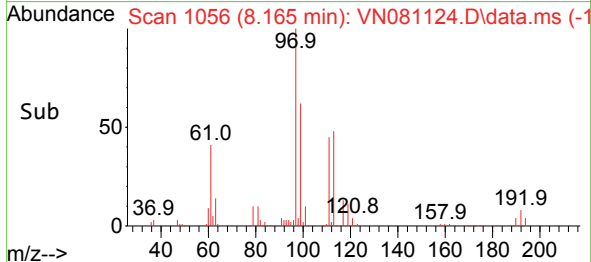
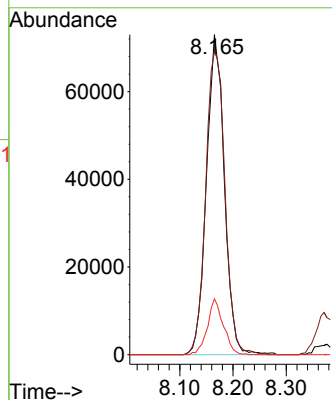
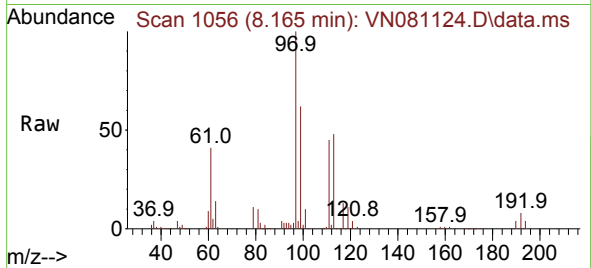




#35
Dibromofluoromethane
Concen: 51.033 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

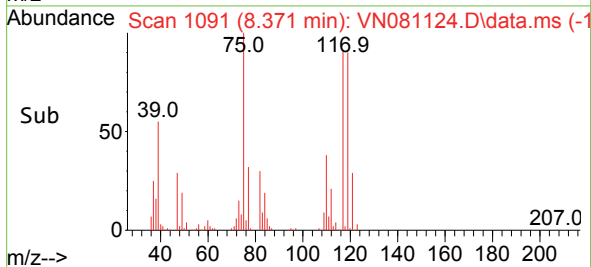
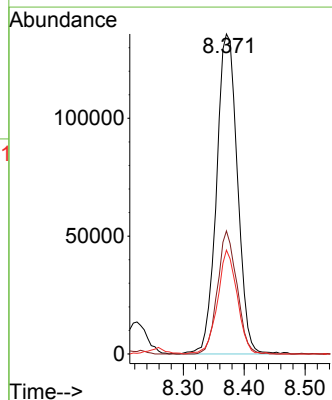
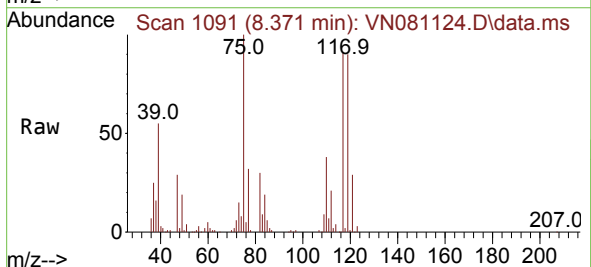
Instrument :
MSVOA_N
ClientSampleId :

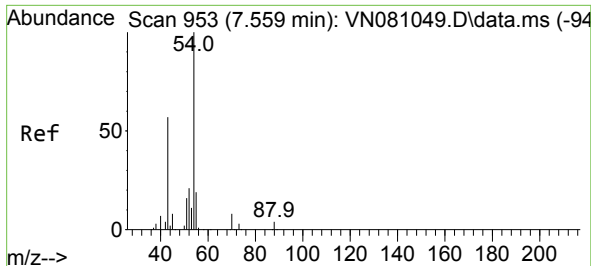
Tgt Ion:113 Resp: 170524
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 15.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 56.597 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 75 Resp: 323993
Ion Ratio Lower Upper
75 100
110 35.6 16.0 48.0
77 30.6 25.8 38.6

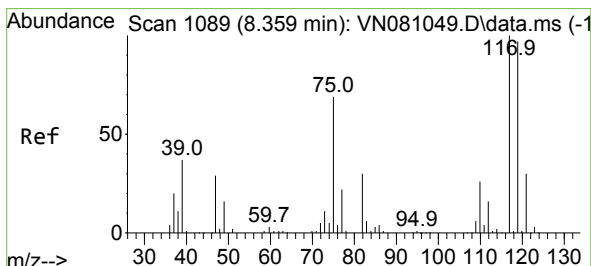
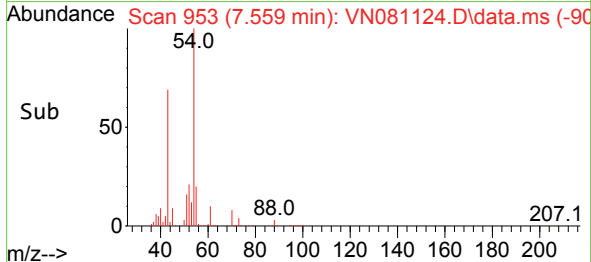
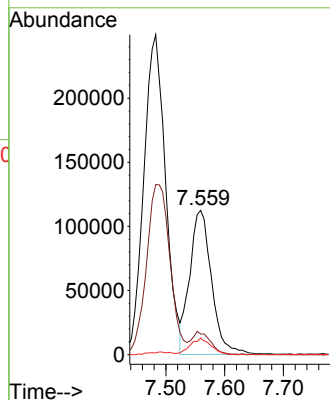
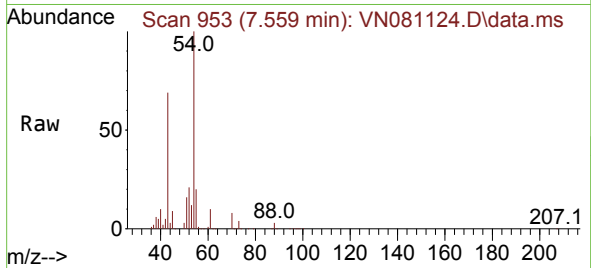




#37
Ethyl Acetate
Concen: 56.154 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

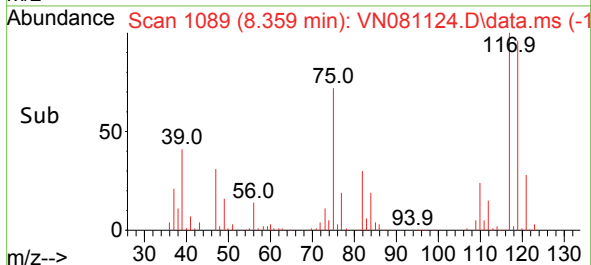
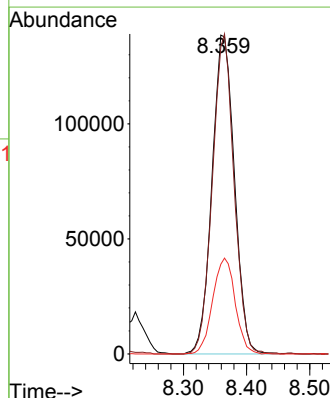
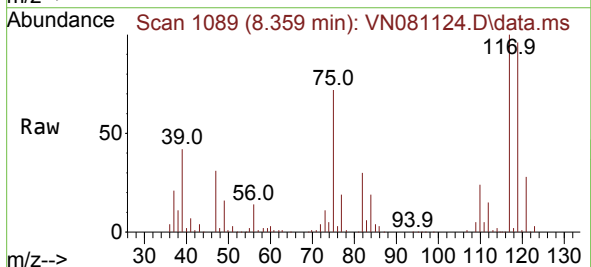
Instrument :
MSVOA_N
ClientSampleId :

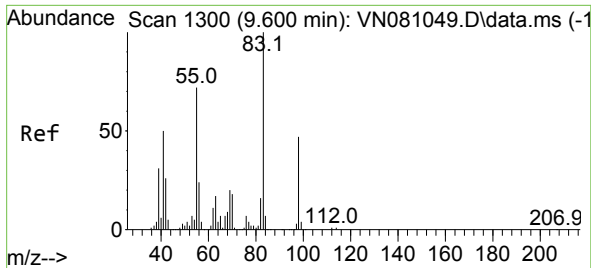
Tgt Ion: 43 Resp: 290120
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 58.998 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

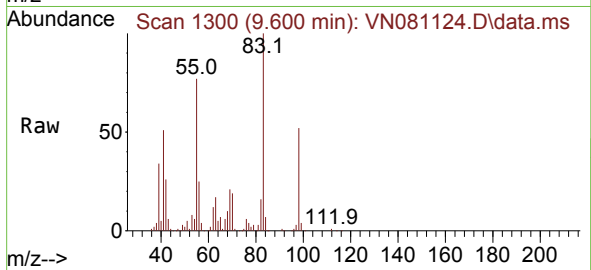
Tgt Ion: 117 Resp: 341700
Ion Ratio Lower Upper
117 100
119 96.3 73.4 110.2
121 28.1 24.4 36.6



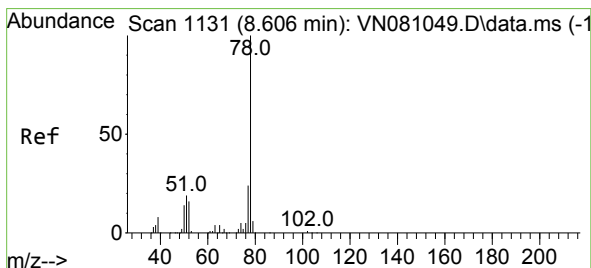
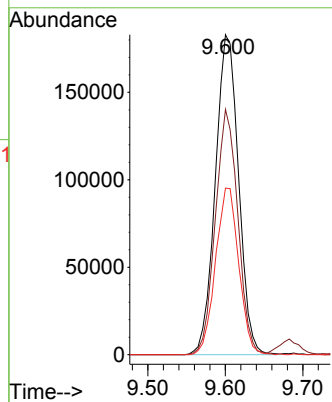
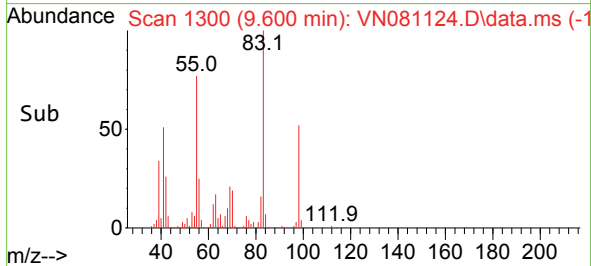


#39
Methylcyclohexane
Concen: 57.169 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :

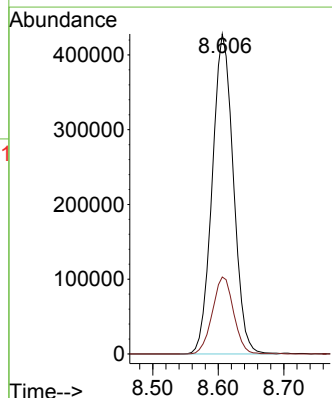
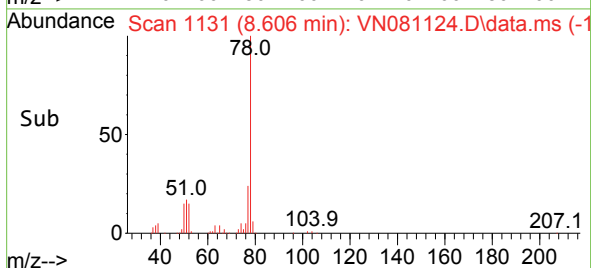
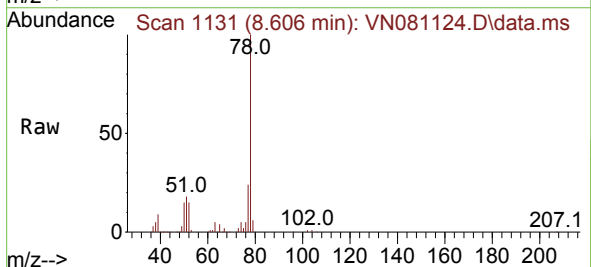


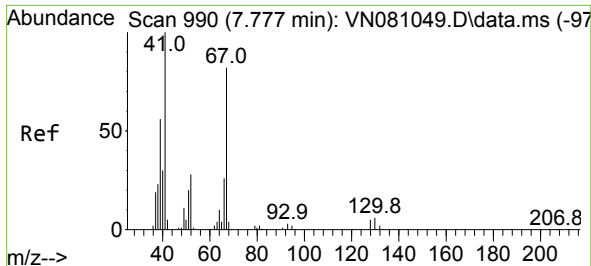
Tgt Ion: 83 Resp: 381501
Ion Ratio Lower Upper
83 100
55 76.7 65.7 98.5
98 52.1 33.8 50.6#



#40
Benzene
Concen: 57.717 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

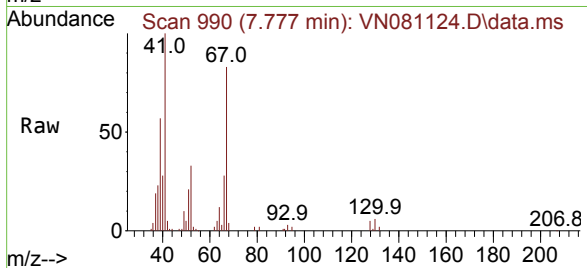
Tgt Ion: 78 Resp: 956352
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6



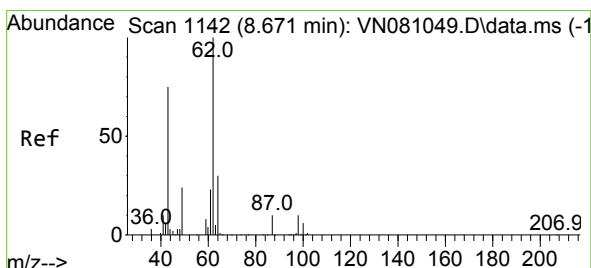
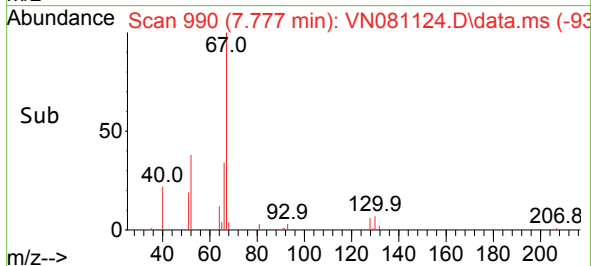
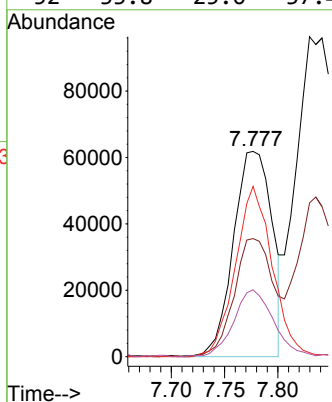


#41
Methacrylonitrile
Concen: 53.018 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :

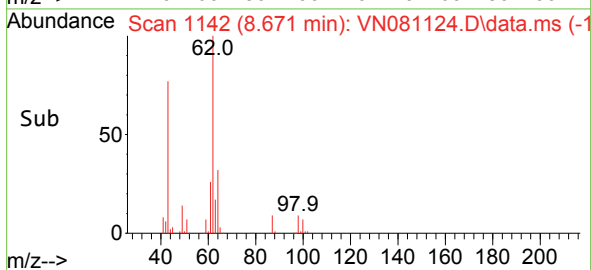
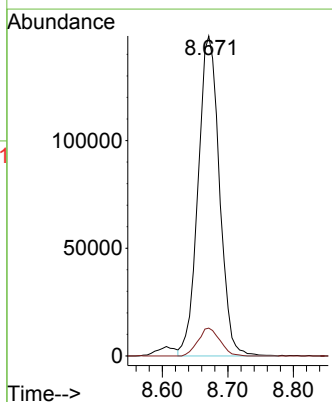
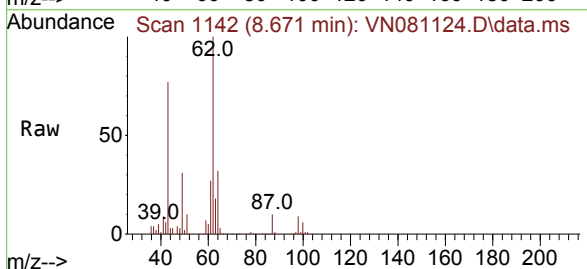


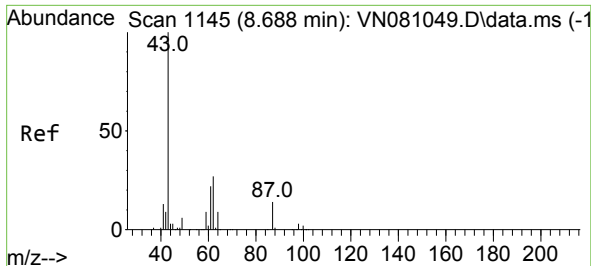
Tgt Ion:	41	Resp:	155892
Ion Ratio	Lower	Upper	
41	100		
39	60.2	48.4	72.6
67	79.8	56.8	85.2
52	33.8	25.0	37.4



#42
1,2-Dichloroethane
Concen: 58.110 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

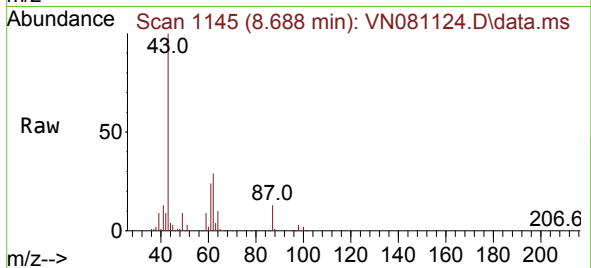
Tgt Ion:	62	Resp:	335929
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	18.0



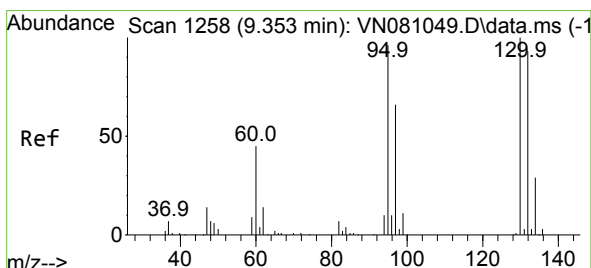
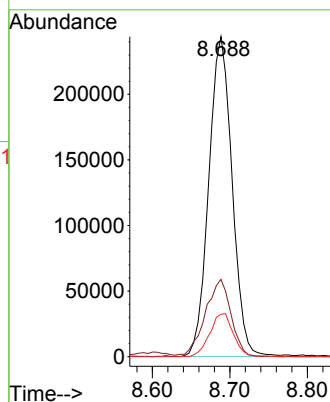
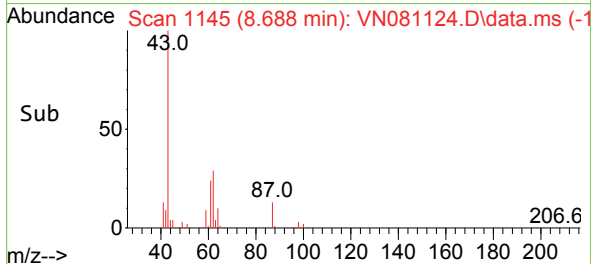


#43
Isopropyl Acetate
Concen: 56.349 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :

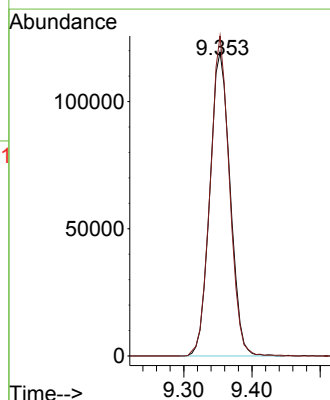
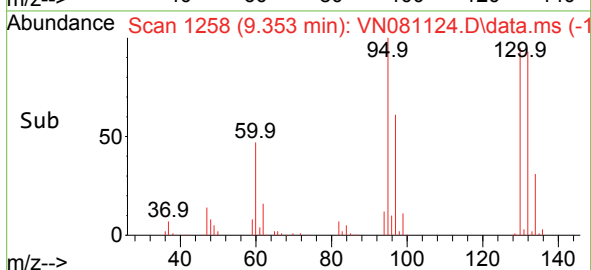
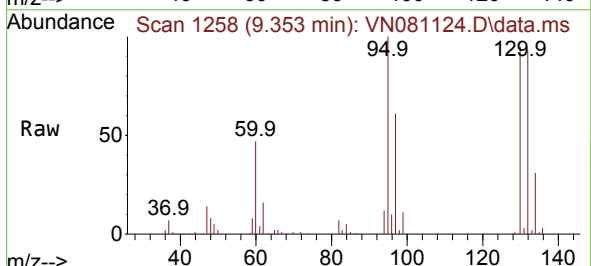


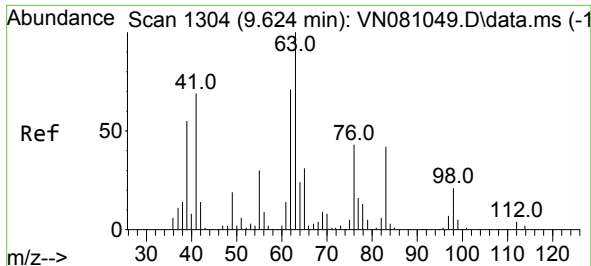
Tgt Ion: 43 Resp: 509160
Ion Ratio Lower Upper
43 100
61 26.8 19.9 29.9
87 13.7 9.0 13.6#



#44
Trichloroethene
Concen: 55.928 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion:130 Resp: 246825
Ion Ratio Lower Upper
130 100
95 105.3 0.0 210.4

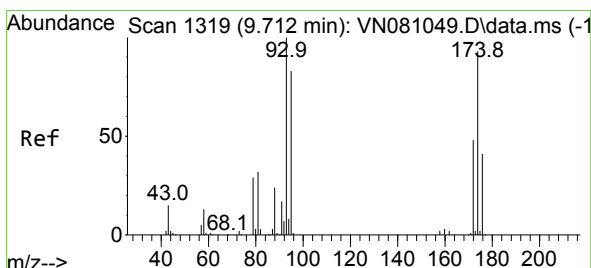
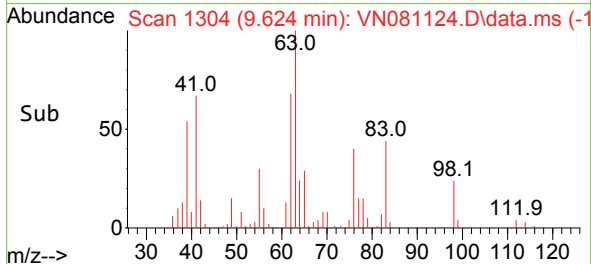
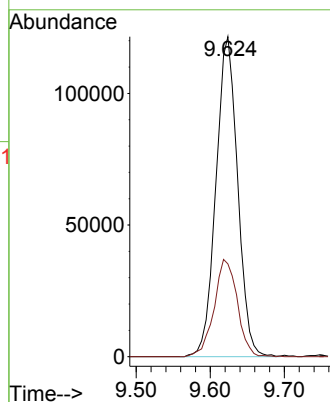
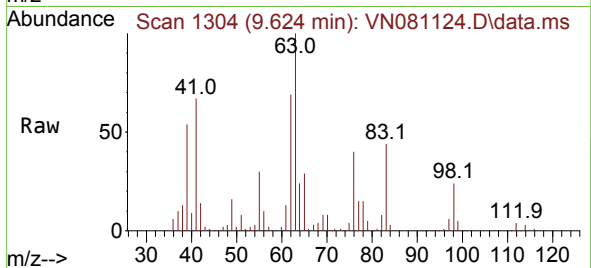




#45
1,2-Dichloropropane
Concen: 59.576 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

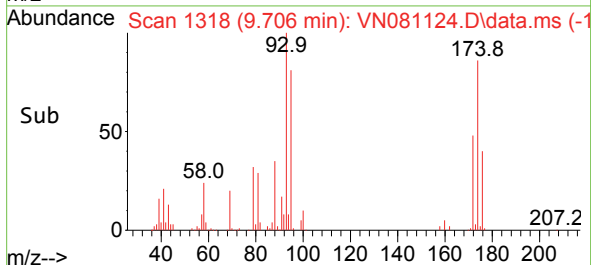
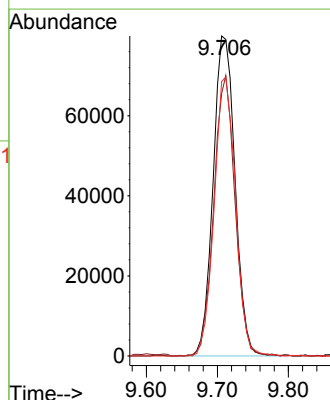
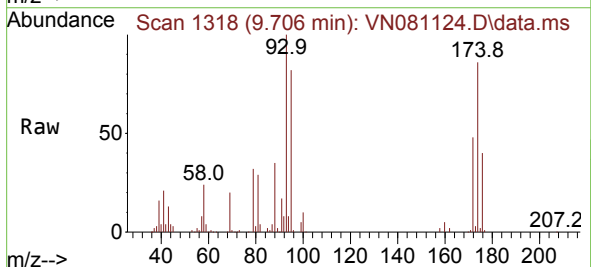
Instrument :
MSVOA_N
ClientSampleId :

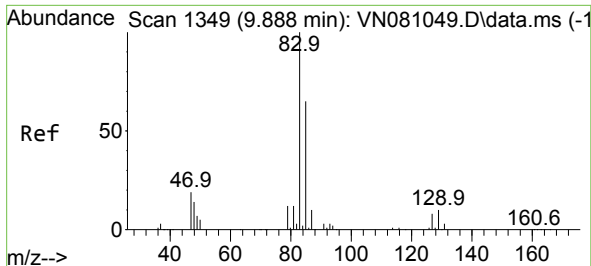
Tgt Ion: 63 Resp: 246935
Ion Ratio Lower Upper
63 100
65 29.0 26.1 39.1



#46
Dibromomethane
Concen: 56.628 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 93 Resp: 171017
Ion Ratio Lower Upper
93 100
95 84.9 68.1 102.1
174 85.0 57.2 85.8

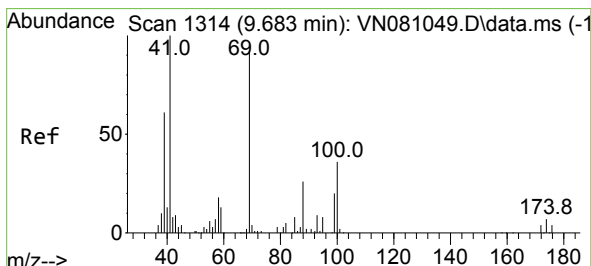
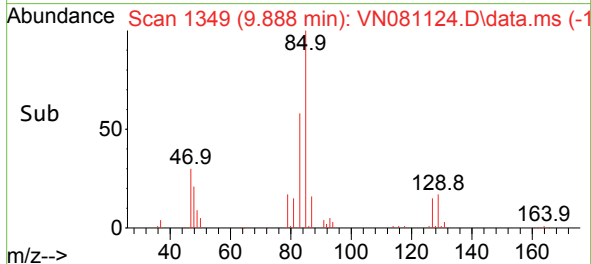
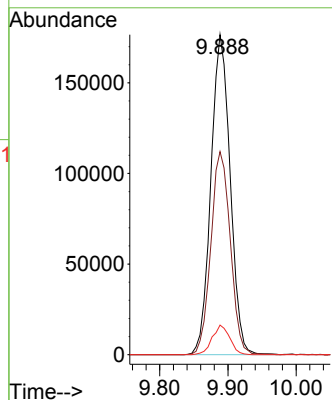
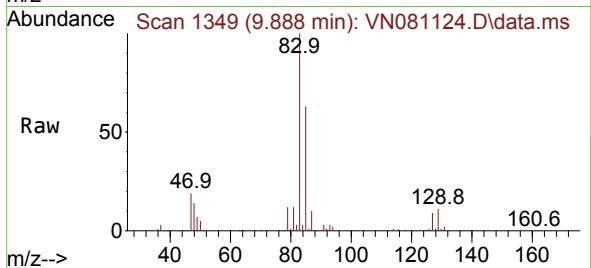




#47
Bromodichloromethane
Concen: 60.733 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

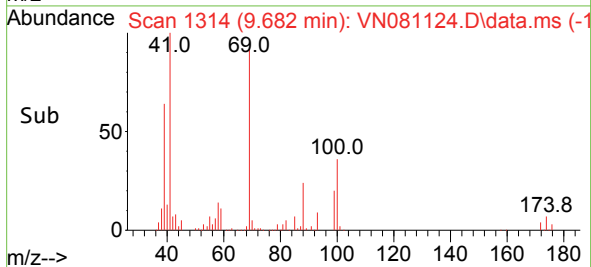
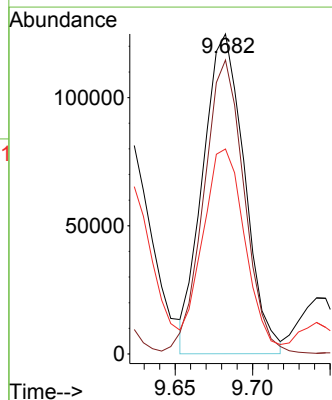
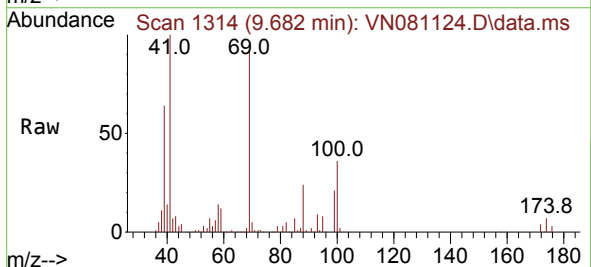
Instrument :
MSVOA_N
ClientSampleId :

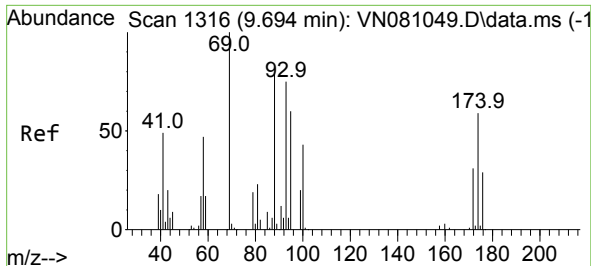
Tgt Ion: 83 Resp: 347376
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5
127 9.3 4.6 7.0#



#48
Methyl methacrylate
Concen: 55.395 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 41 Resp: 232906
Ion Ratio Lower Upper
41 100
69 90.0 62.2 93.2
39 65.6 47.6 71.4





#49

1,4-Dioxane

Concen: 1090.556 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

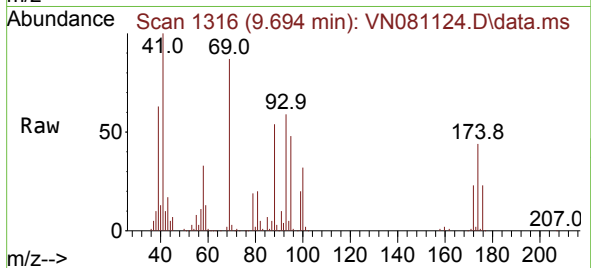
Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :



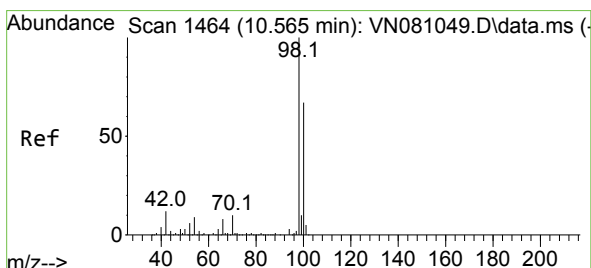
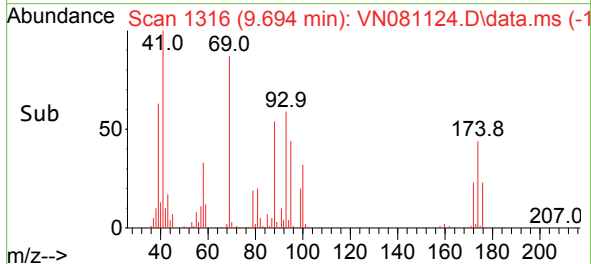
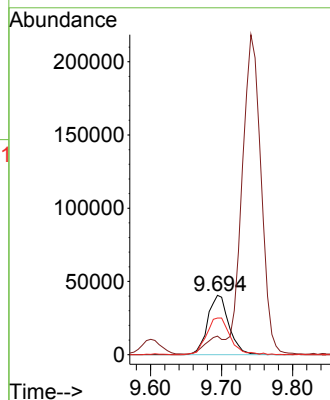
Tgt Ion: 88 Resp: 84097

Ion Ratio Lower Upper

88 100

43 24.1 30.1 45.1#

58 69.3 63.9 95.9



#50

Toluene-d8

Concen: 48.666 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081124.D

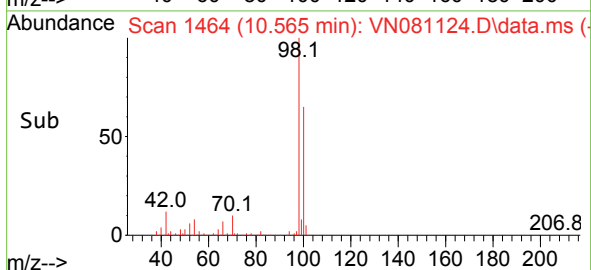
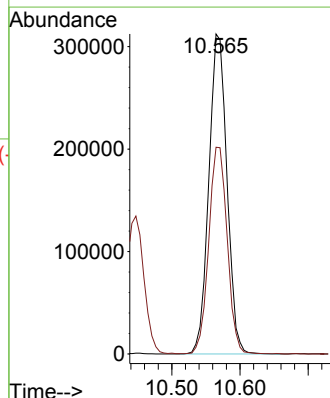
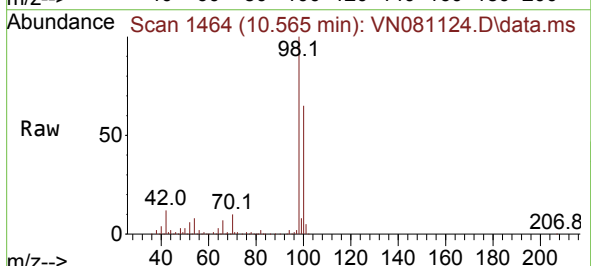
Acq: 22 Feb 2024 10:27

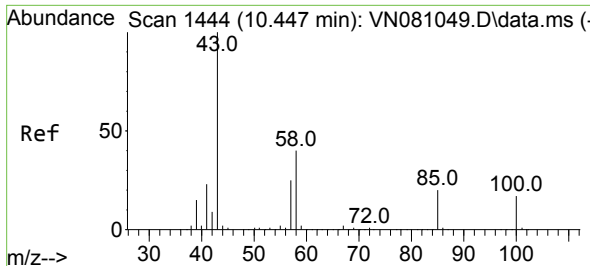
Tgt Ion: 98 Resp: 577565

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

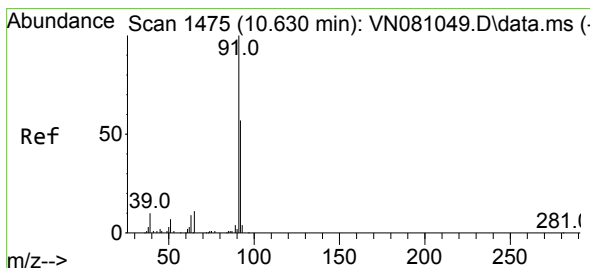
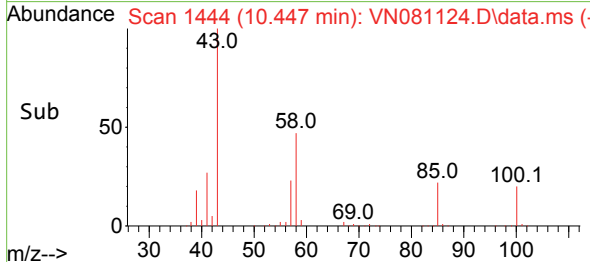
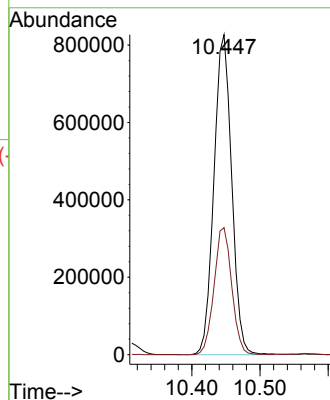
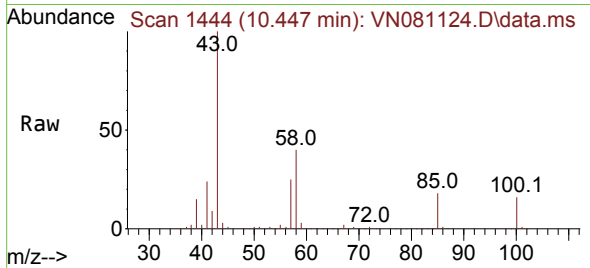




#51
4-Methyl-2-Pentanone
Concen: 287.901 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

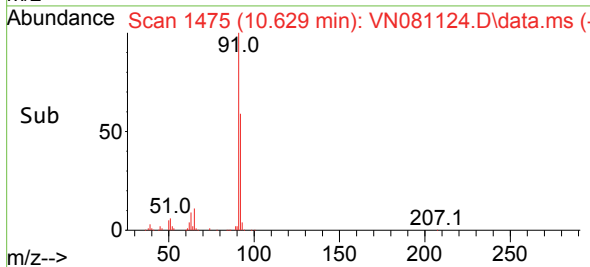
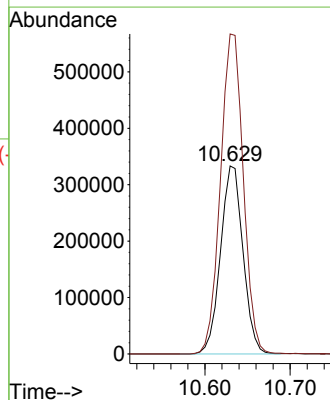
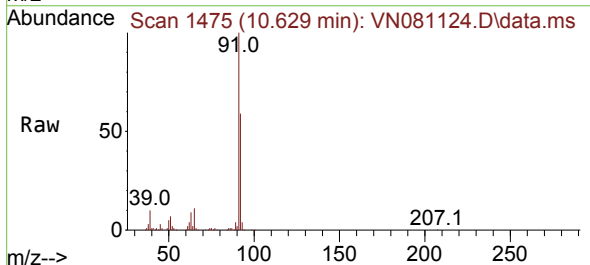
Instrument :
MSVOA_N
ClientSampleId :

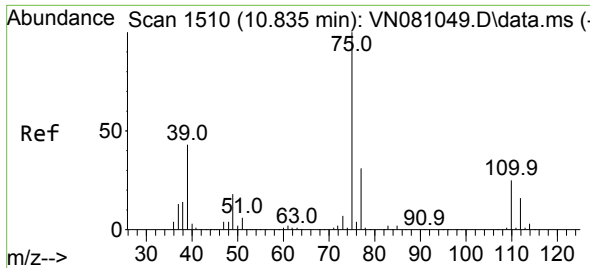
Tgt Ion: 43 Resp: 1496476
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0



#52
Toluene
Concen: 58.137 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 92 Resp: 609853
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.0

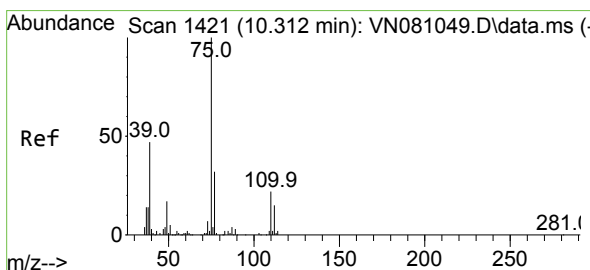
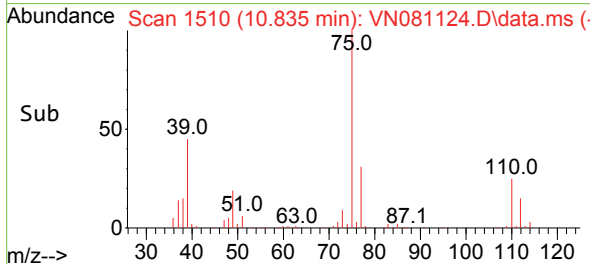
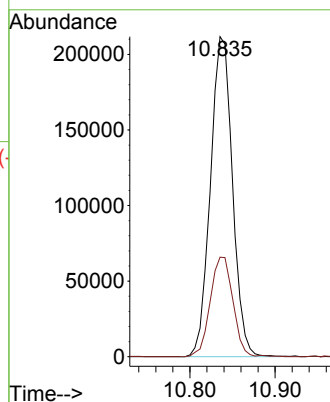
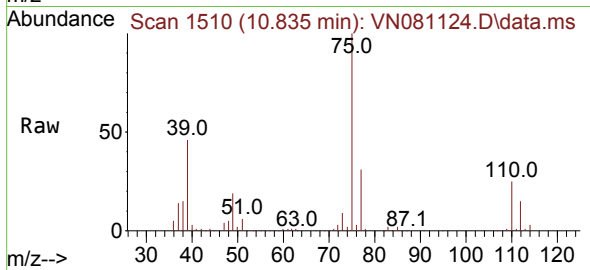




#53
 t-1,3-Dichloropropene
 Concen: 59.834 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

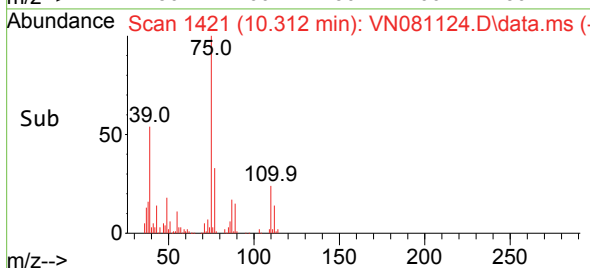
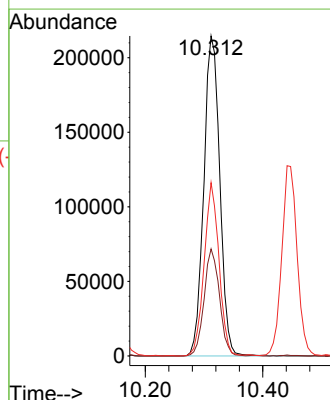
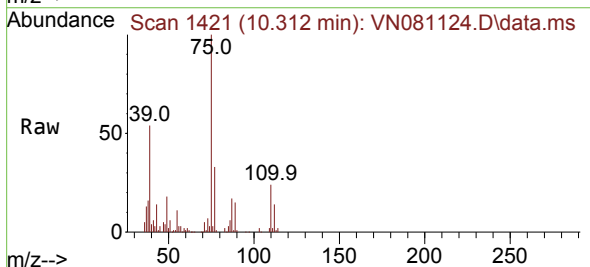
Instrument :
 MSVOA_N
 ClientSampleId :

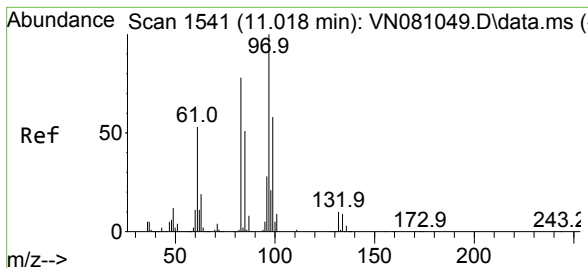
Tgt Ion: 75 Resp: 380309
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 59.235 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion: 75 Resp: 406781
 Ion Ratio Lower Upper
 75 100
 77 33.5 23.3 34.9
 39 54.2 44.6 66.8



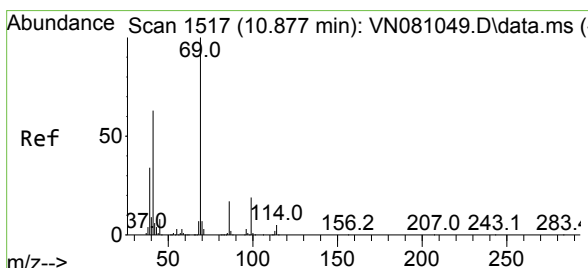
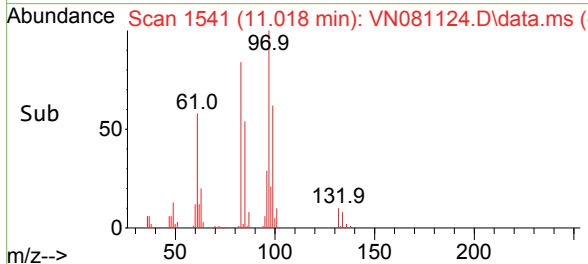
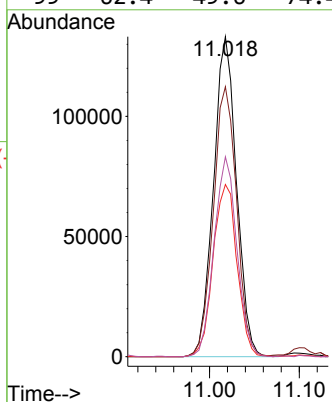
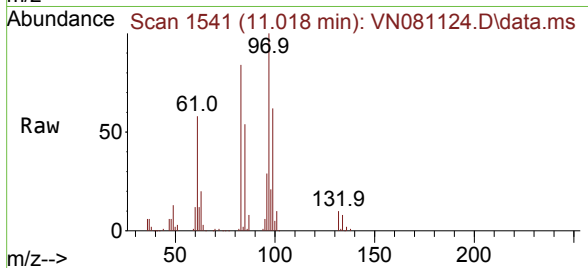


#55
 1,1,2-Trichloroethane
 Concen: 58.787 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 97 Resp: 237181

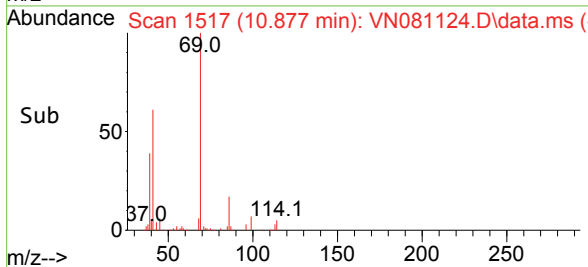
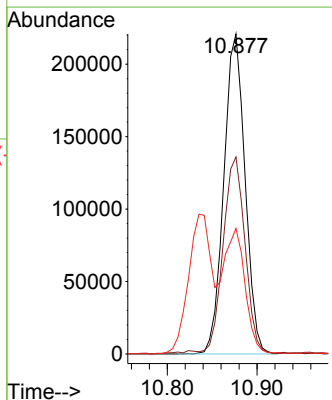
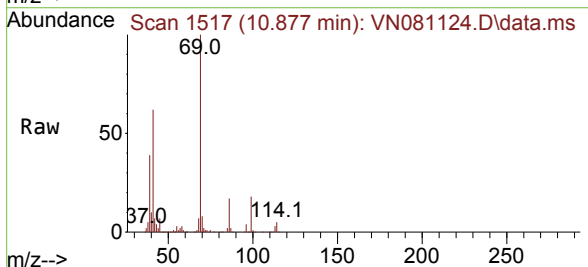
Ion	Ratio	Lower	Upper
97	100		
83	84.3	72.9	109.3
85	53.8	50.2	75.2
99	62.4	49.6	74.4

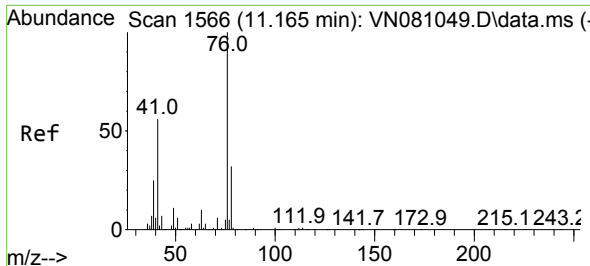


#56
 Ethyl methacrylate
 Concen: 58.909 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion: 69 Resp: 363241

Ion	Ratio	Lower	Upper
69	100		
41	64.5	61.0	91.6
39	35.9	31.8	47.6

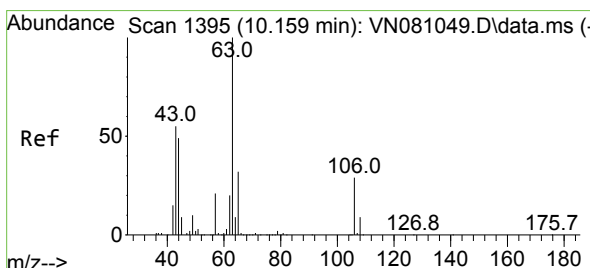
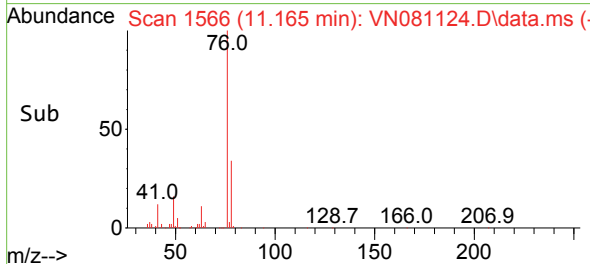
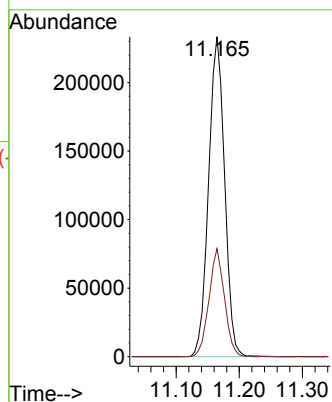
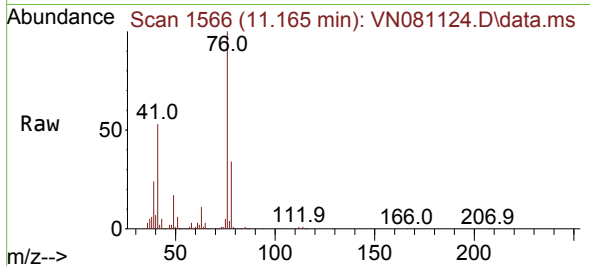




#57
1,3-Dichloropropane
Concen: 59.026 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

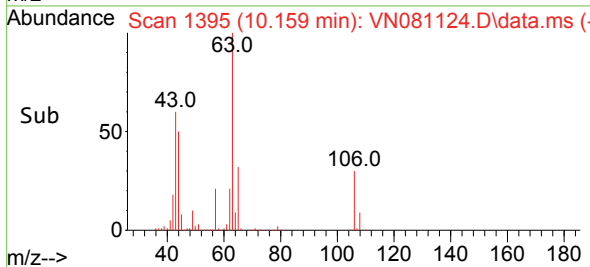
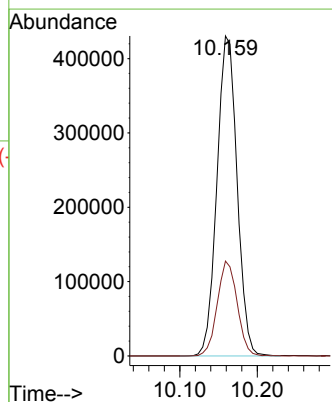
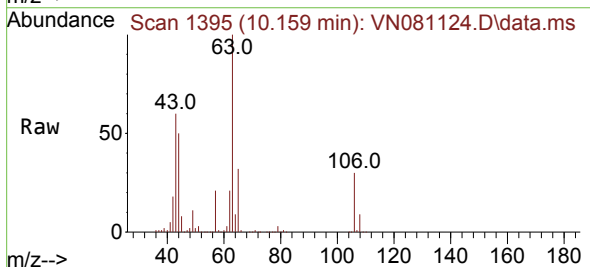
Instrument :
MSVOA_N
ClientSampleId :

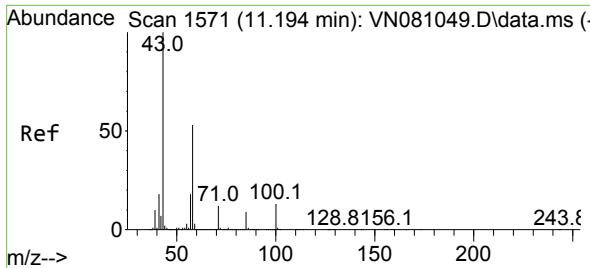
Tgt Ion: 76 Resp: 411772
Ion Ratio Lower Upper
76 100
78 32.6 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 251.941 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 63 Resp: 779470
Ion Ratio Lower Upper
63 100
106 29.3 18.6 28.0#

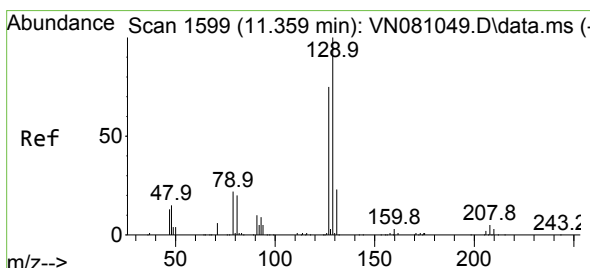
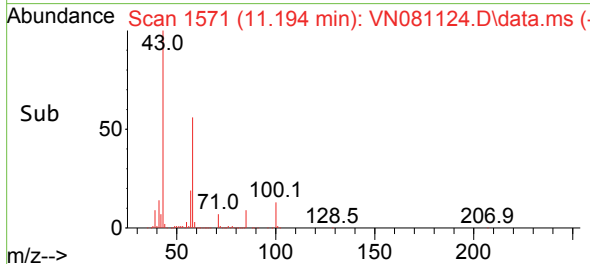
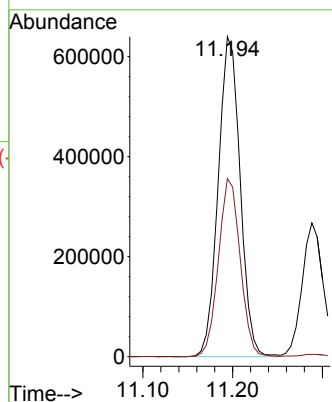
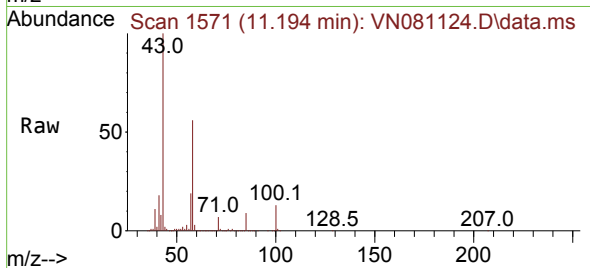




#59
2-Hexanone
Concen: 263.356 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

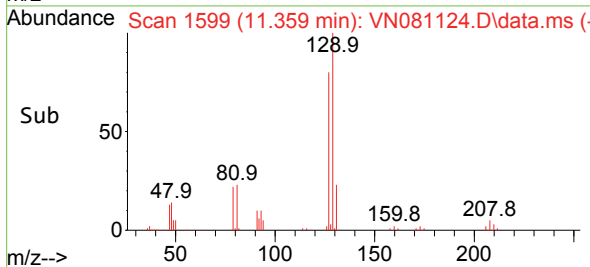
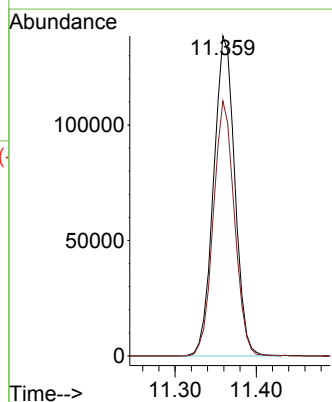
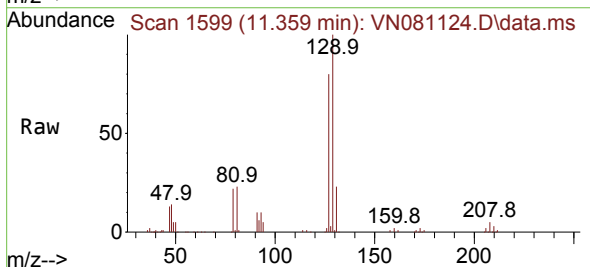
Instrument :
MSVOA_N
ClientSampleId :

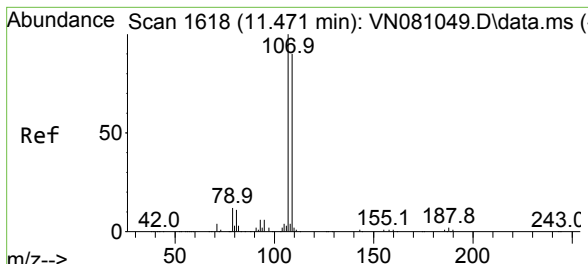
Tgt Ion: 43 Resp: 1085265
Ion Ratio Lower Upper
43 100
58 55.3 25.9 77.8



#60
Dibromochloromethane
Concen: 58.679 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion:129 Resp: 251506
Ion Ratio Lower Upper
129 100
127 79.1 39.4 118.2



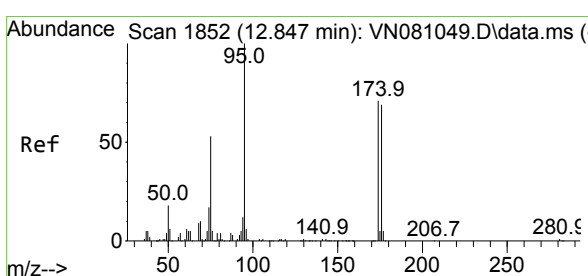
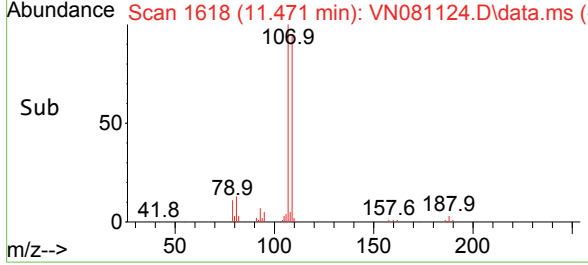
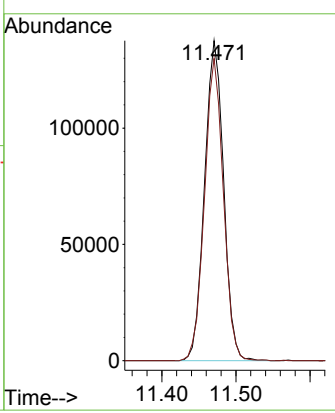
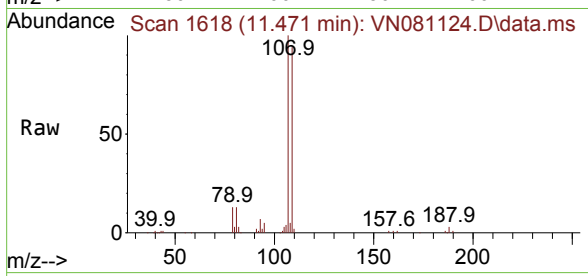


#61
 1,2-Dibromoethane
 Concen: 57.961 ug/l
 RT: 11.471 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:107 Resp: 245909

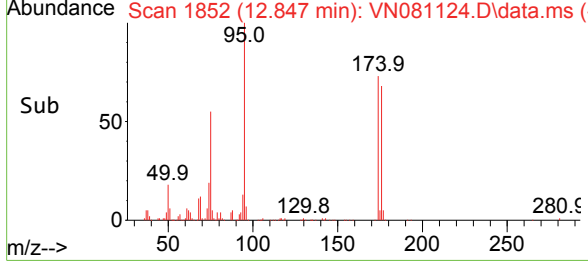
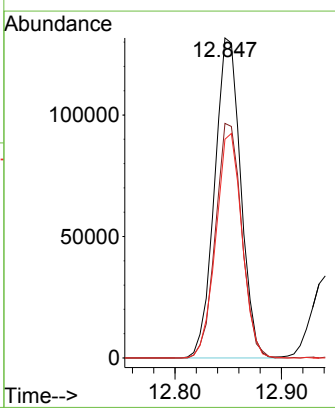
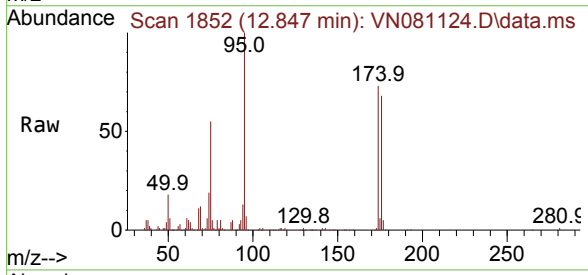
Ion	Ratio	Lower	Upper
107	100		
109	93.7	73.4	110.2

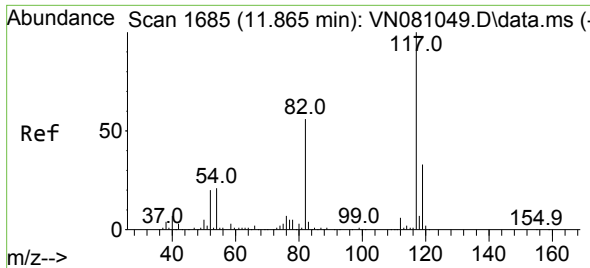


#62
 4-Bromofluorobenzene
 Concen: 50.266 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion: 95 Resp: 224156

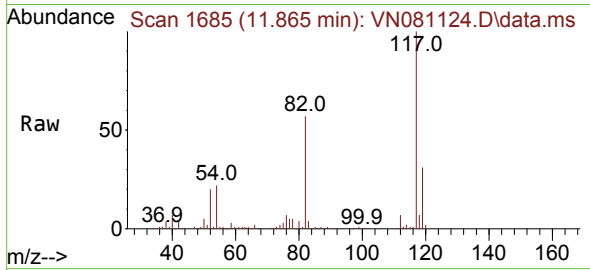
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	120.4
176	70.2	0.0	121.0



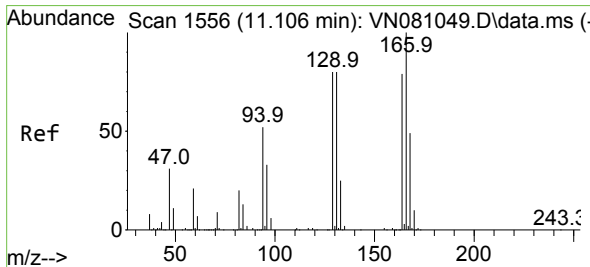
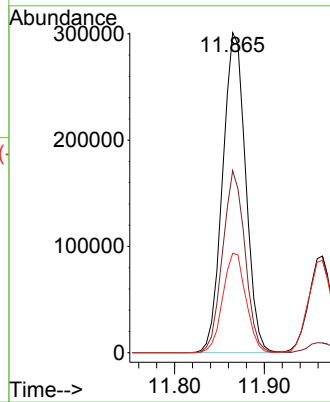
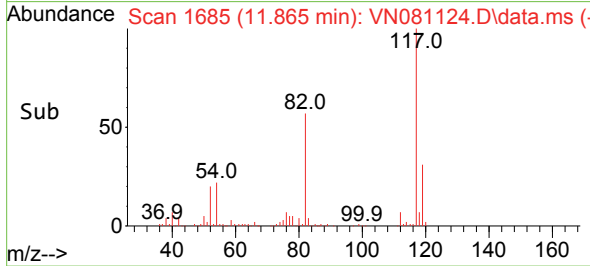


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

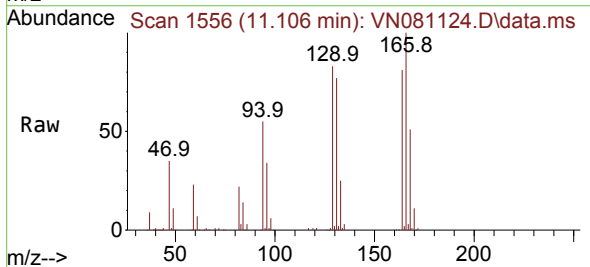
Instrument :
MSVOA_N
ClientSampleId :



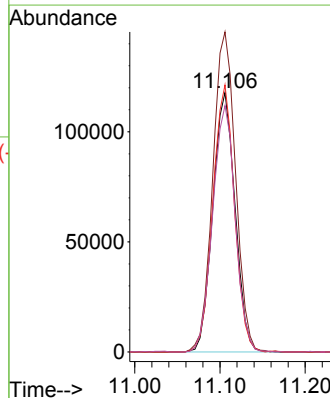
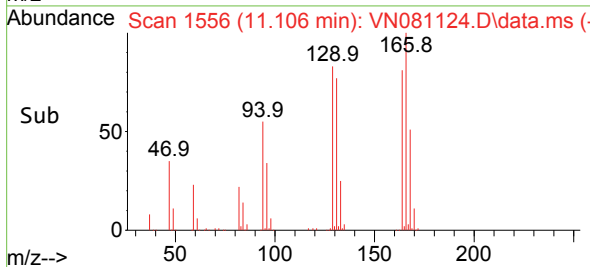
Tgt Ion:117 Resp: 536410
Ion Ratio Lower Upper
117 100
82 56.9 52.7 79.1
119 31.1 25.3 37.9

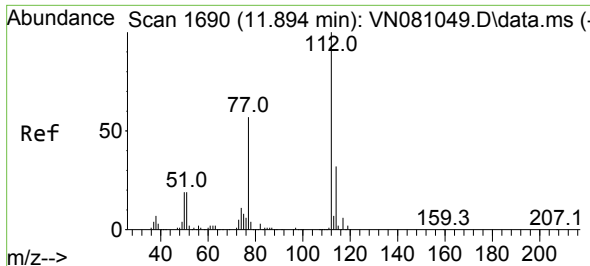


#64
Tetrachloroethene
Concen: 58.215 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27



Tgt Ion:164 Resp: 213125
Ion Ratio Lower Upper
164 100
166 123.4 105.8 158.6
129 103.0 89.6 134.4
131 95.0 84.9 127.3

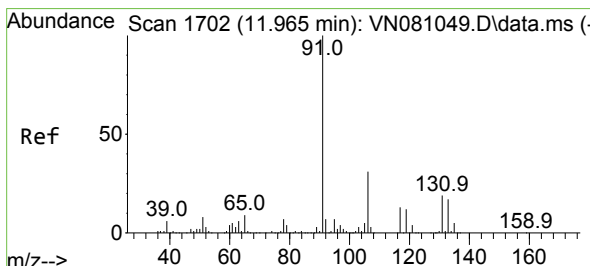
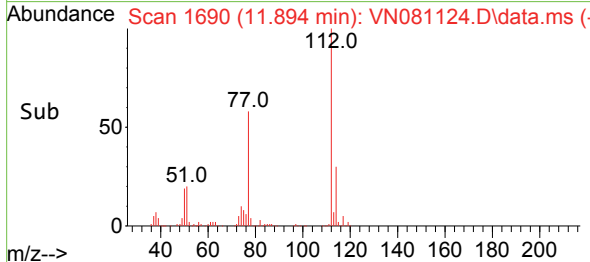
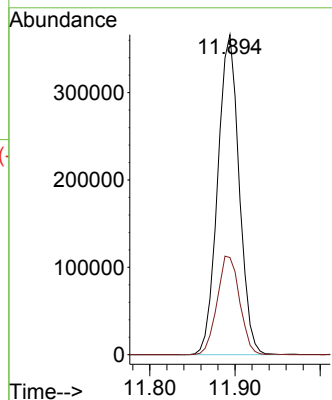
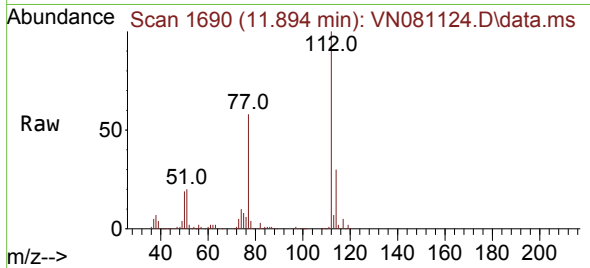




#65
Chlorobenzene
Concen: 55.235 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

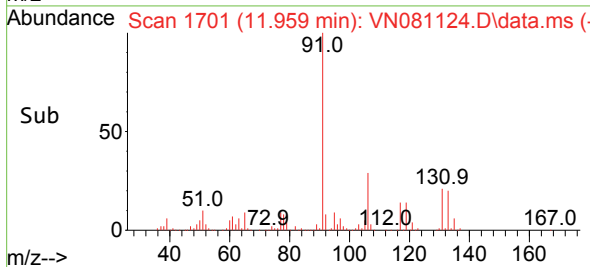
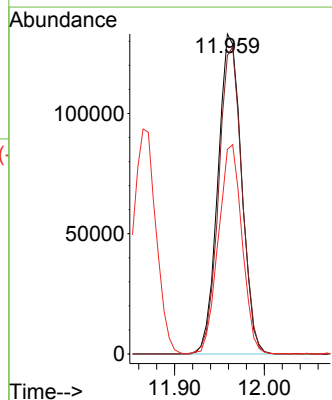
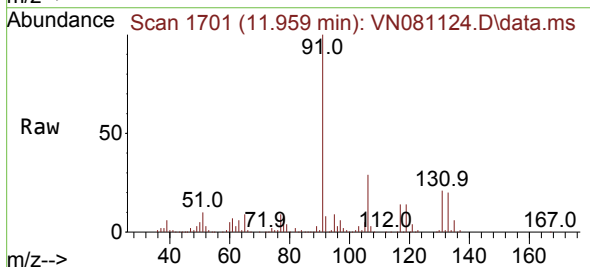
Instrument :
MSVOA_N
ClientSampleId :

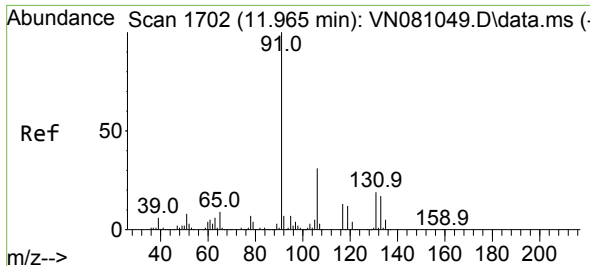
Tgt Ion:112 Resp: 641251
Ion Ratio Lower Upper
112 100
114 30.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.269 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion:131 Resp: 242976
Ion Ratio Lower Upper
131 100
133 94.8 46.8 140.3
119 65.7 34.6 103.9

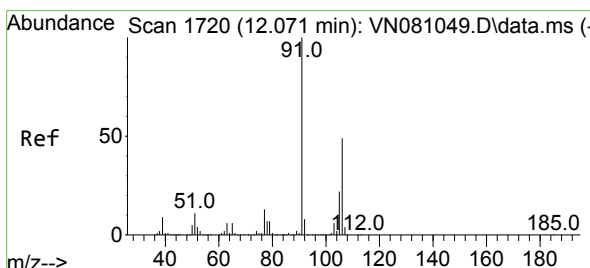
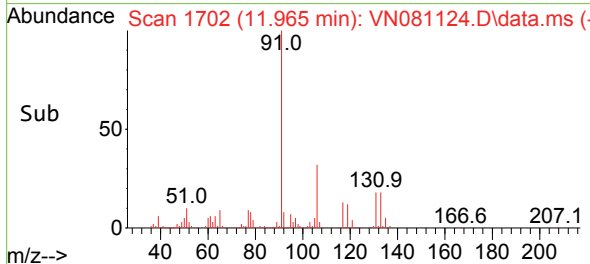
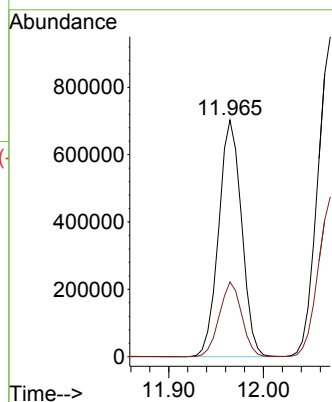
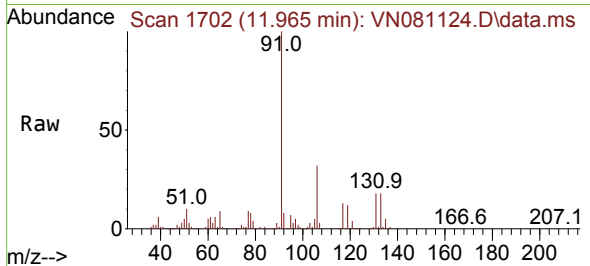




#67
Ethyl Benzene
Concen: 56.905 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

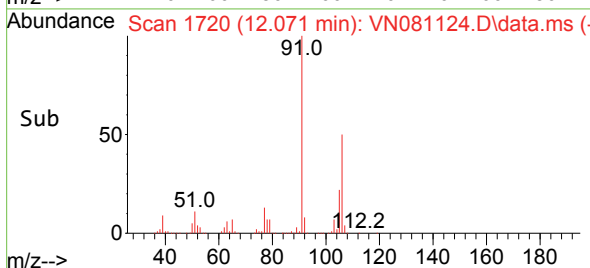
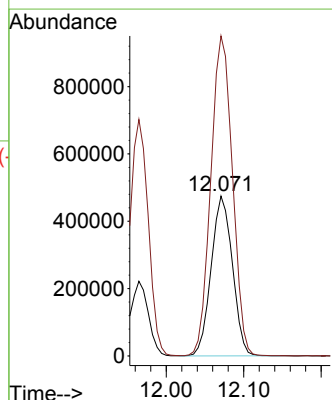
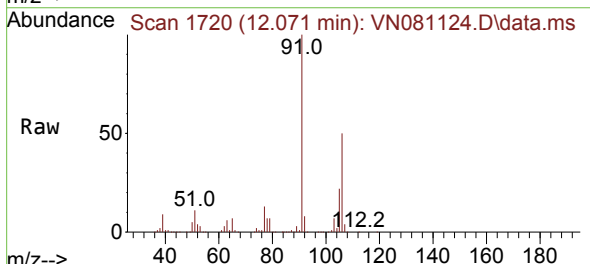
Instrument :
MSVOA_N
ClientSampleId :

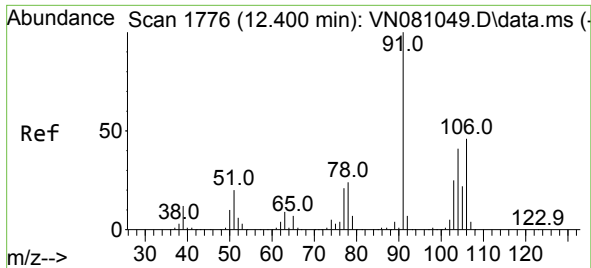
Tgt Ion: 91 Resp: 1182164
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6



#68
m/p-Xylenes
Concen: 113.352 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion:106 Resp: 902597
Ion Ratio Lower Upper
106 100
91 204.1 169.0 253.6

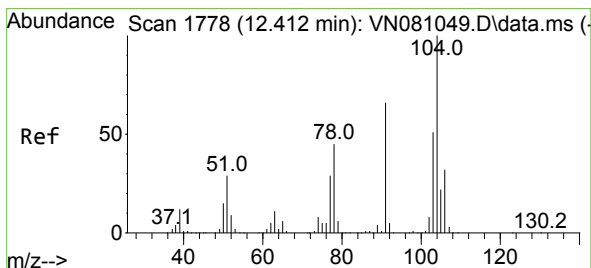
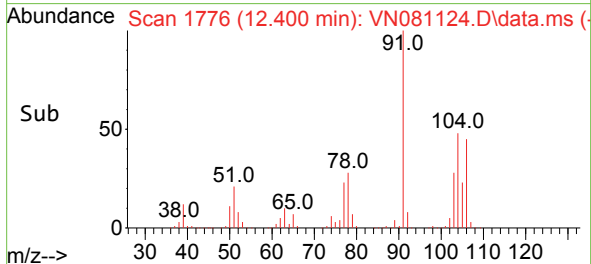
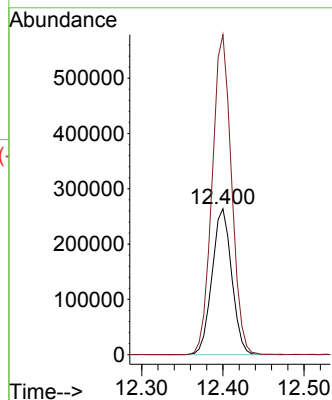
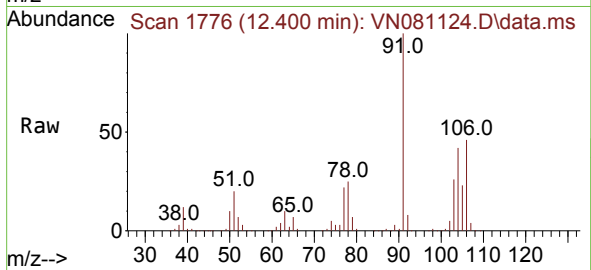




#69
o-Xylene
Concen: 56.224 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

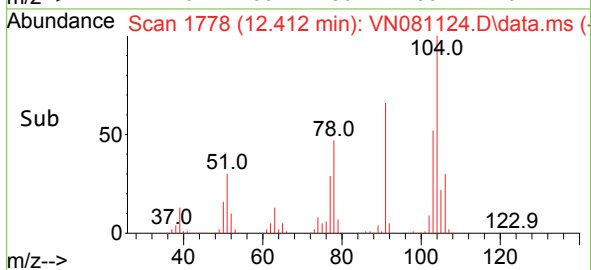
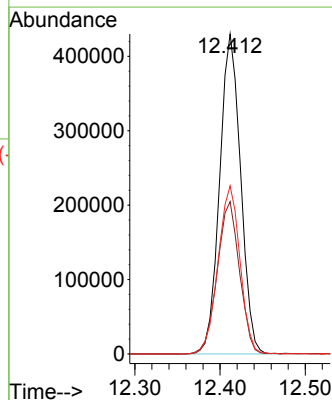
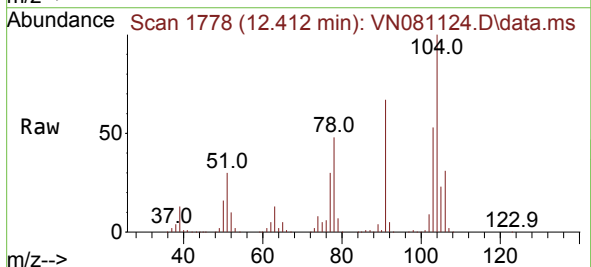
Instrument :
MSVOA_N
ClientSampleId :

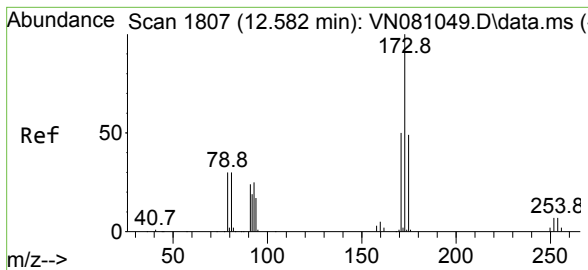
Tgt Ion:106 Resp: 443782
Ion Ratio Lower Upper
106 100
91 216.1 112.1 336.3



#70
Styrene
Concen: 58.820 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion:104 Resp: 735702
Ion Ratio Lower Upper
104 100
78 50.6 43.8 65.8
103 54.9 44.2 66.2





#71

Bromoform

Concen: 62.076 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

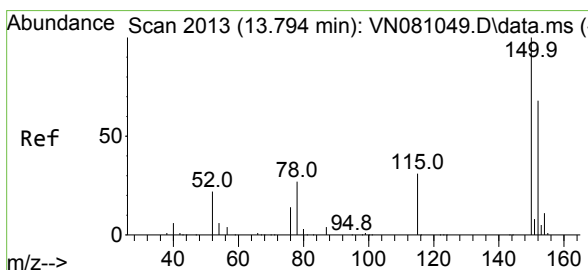
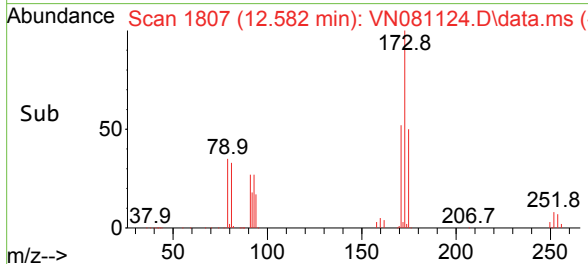
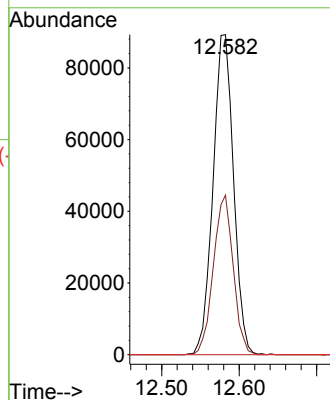
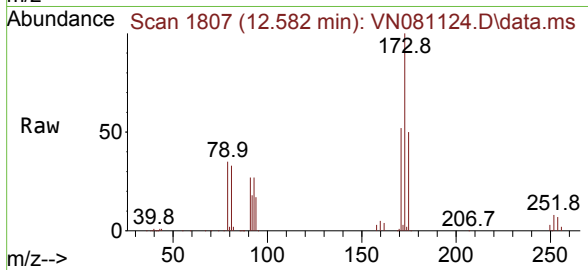
Tgt Ion:173 Resp: 164224

Ion Ratio Lower Upper

173 100

175 48.2 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

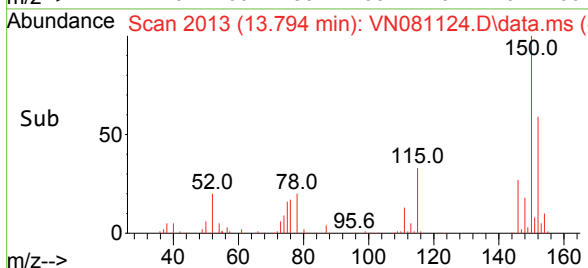
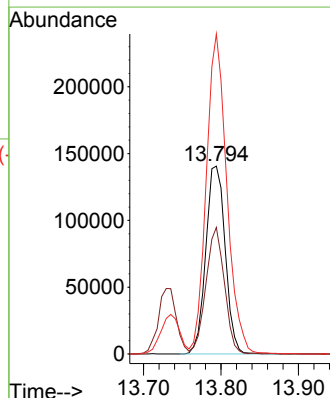
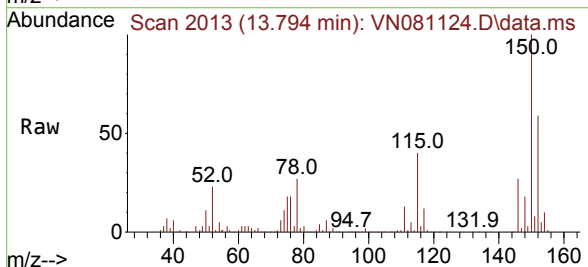
Tgt Ion:152 Resp: 244664

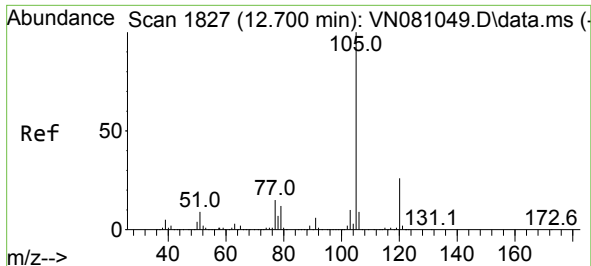
Ion Ratio Lower Upper

152 100

115 64.2 32.3 96.8

150 179.9 0.0 339.8

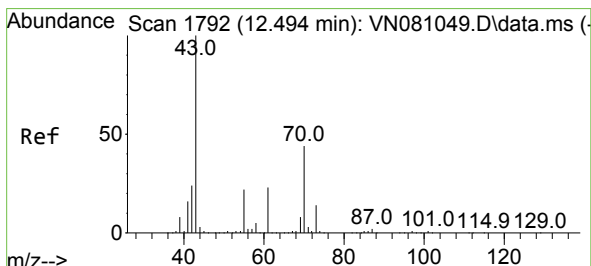
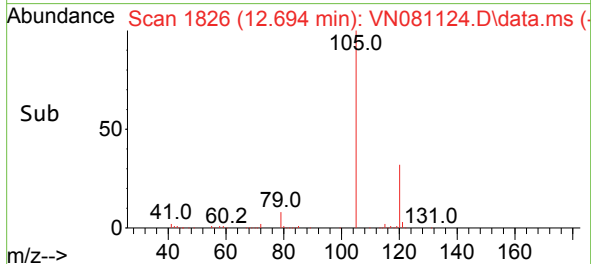
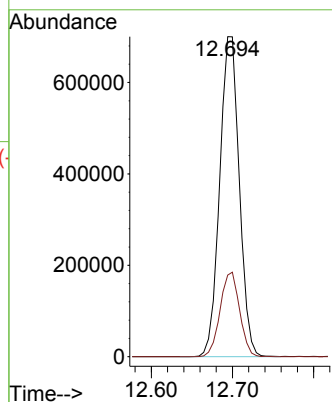
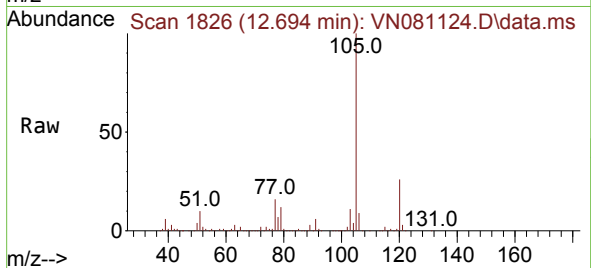




#73
Isopropylbenzene
Concen: 54.902 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

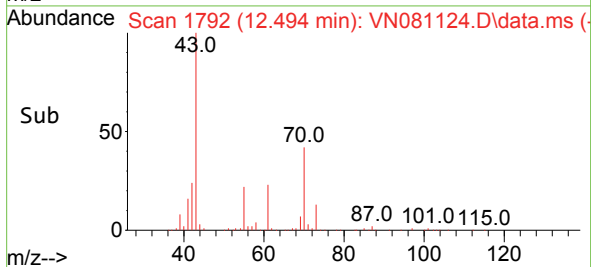
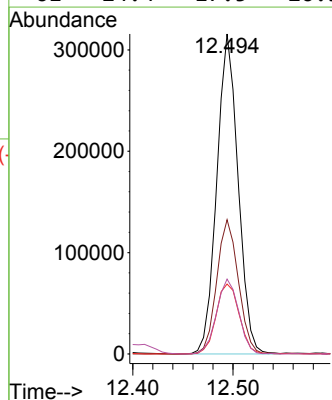
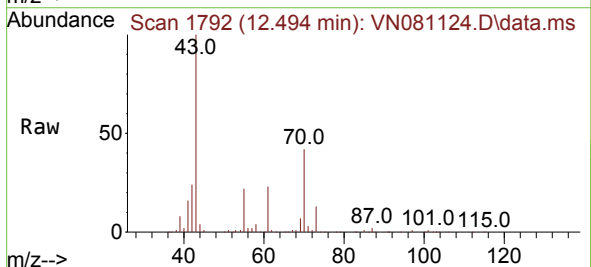
Instrument :
MSVOA_N
ClientSampleId :

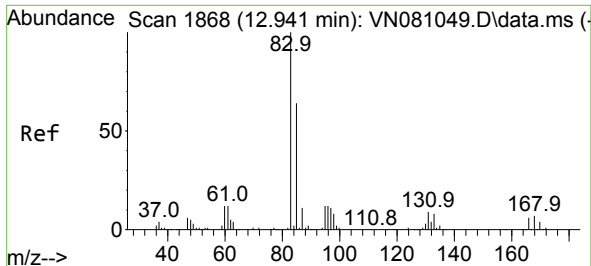
Tgt Ion:105 Resp: 1175254
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6



#74
N-ethyl acetate
Concen: 51.367 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 43 Resp: 464727
Ion Ratio Lower Upper
43 100
70 42.7 30.1 45.1
55 23.9 17.0 25.4
61 24.4 17.5 26.3

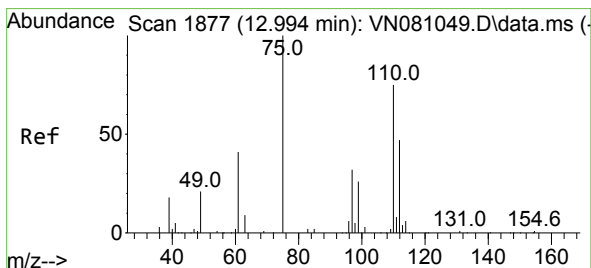
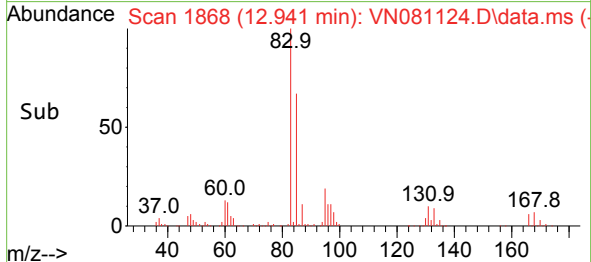
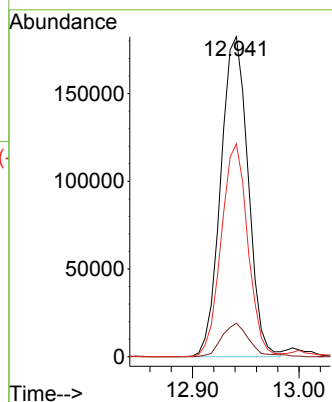
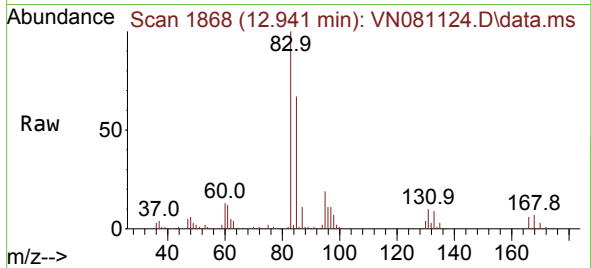




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.092 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

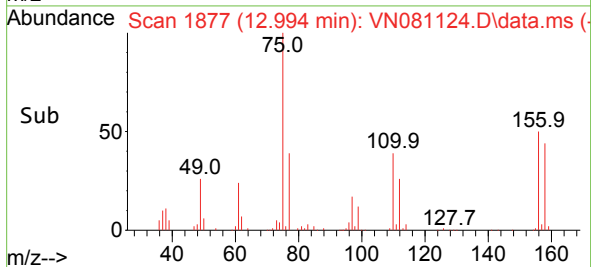
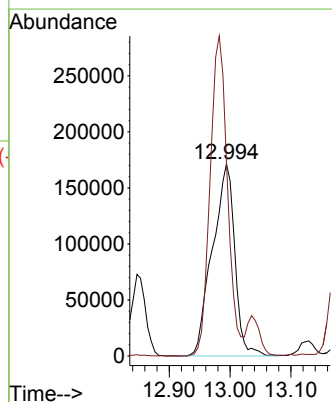
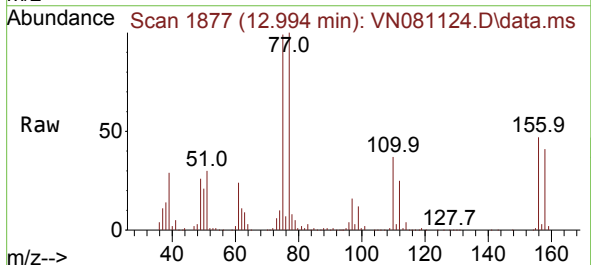
Instrument :
 MSVOA_N
 ClientSampleId :

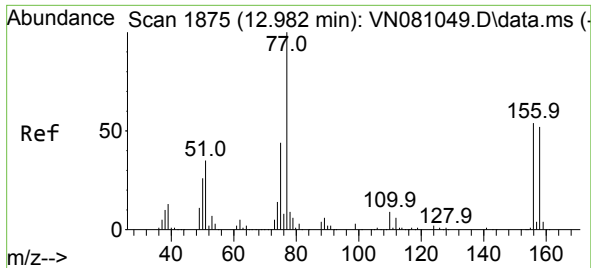
Tgt Ion: 83 Resp: 325593
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.1 12.3
 85 64.6 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 78.595 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

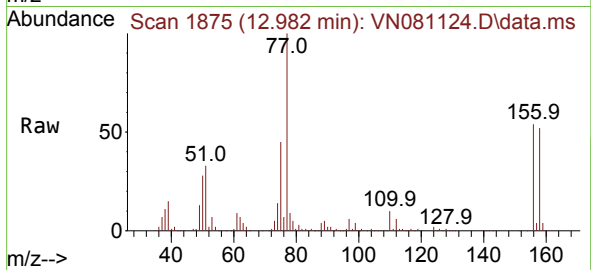
Tgt Ion: 75 Resp: 436907
 Ion Ratio Lower Upper
 75 100
 77 130.1 91.0 272.8



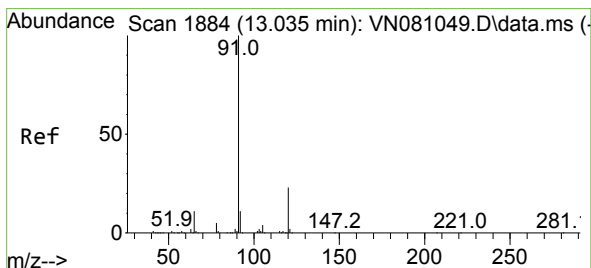
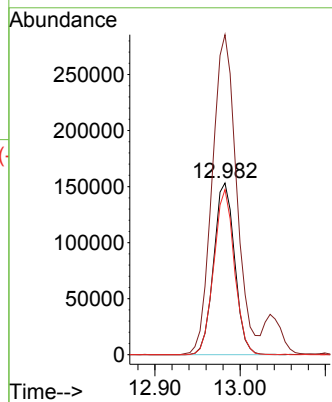
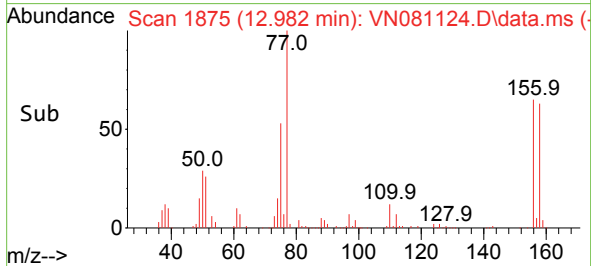


#77
Bromobenzene
Concen: 54.756 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Instrument :
MSVOA_N
ClientSampleId :

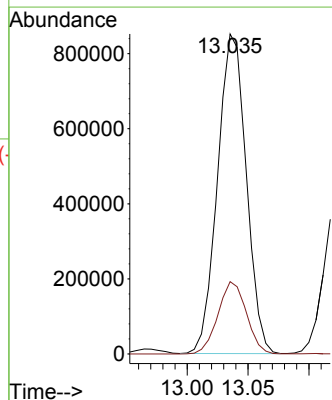
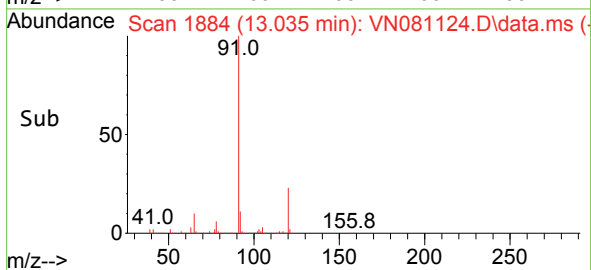
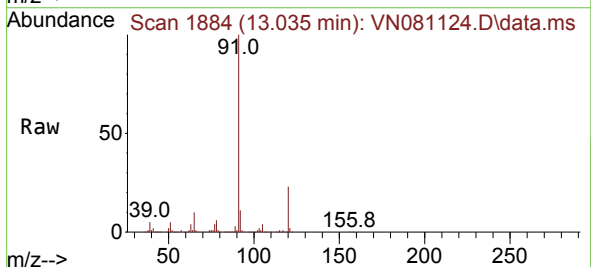


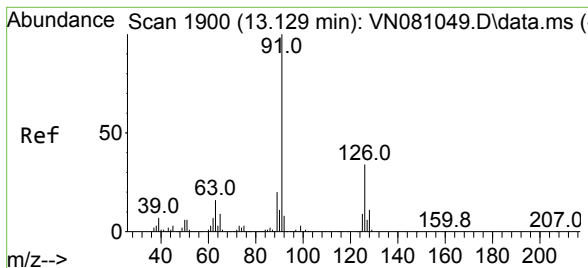
Tgt Ion:156 Resp: 261353
Ion Ratio Lower Upper
156 100
77 217.4 138.1 414.3
158 94.5 46.5 139.5



#78
n-propylbenzene
Concen: 56.723 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 91 Resp: 1397824
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





#79

2-Chlorotoluene

Concen: 53.764 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

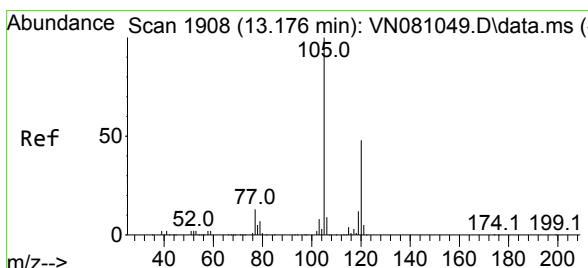
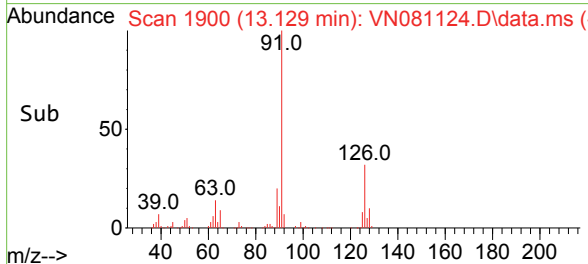
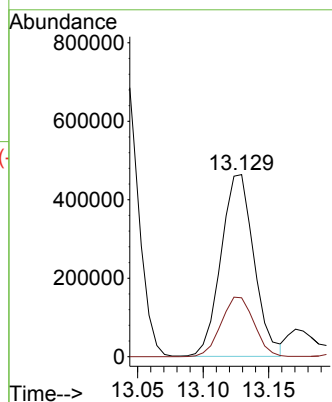
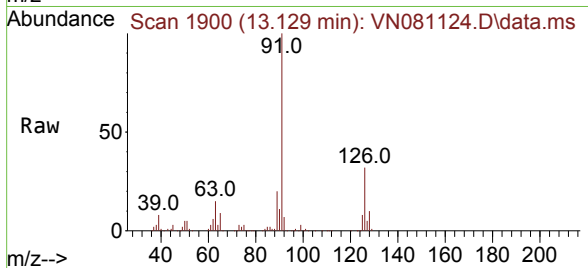
ClientSampleId :

Tgt Ion: 91 Resp: 812652

Ion Ratio Lower Upper

91 100

126 32.7 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 56.390 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081124.D

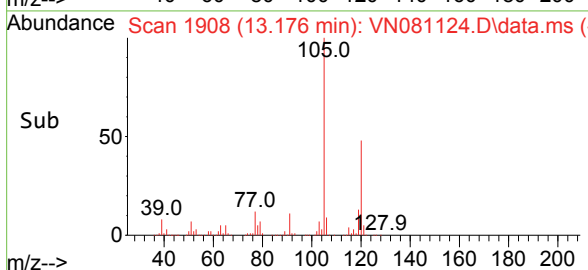
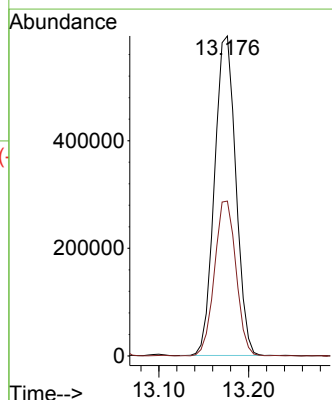
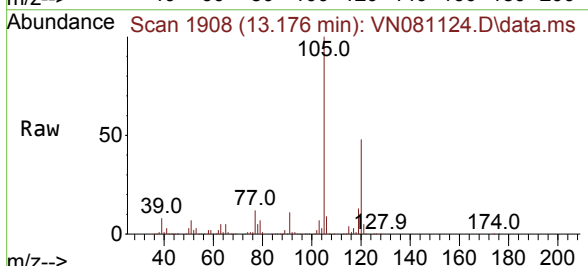
Acq: 22 Feb 2024 10:27

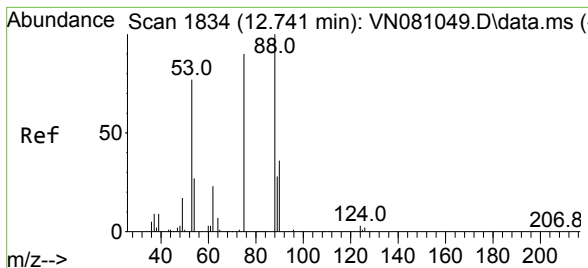
Tgt Ion: 105 Resp: 978713

Ion Ratio Lower Upper

105 100

120 49.0 23.0 69.0

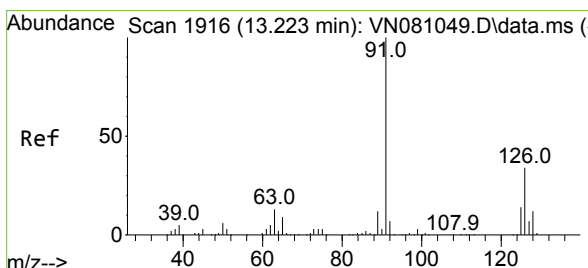
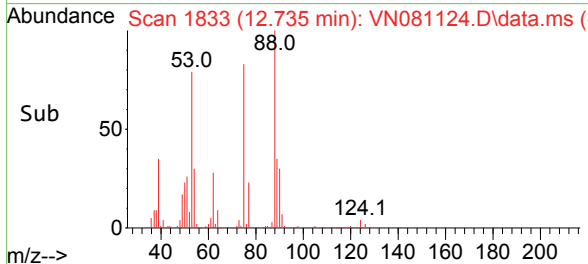
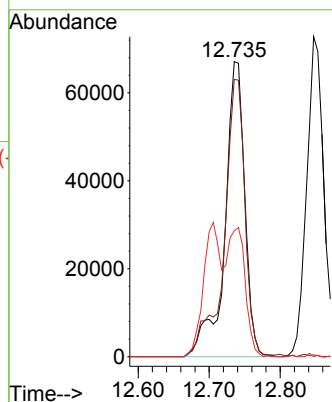
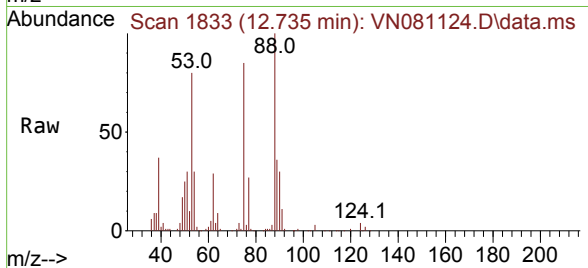




#81
trans-1,4-Dichloro-2-butene
Concen: 60.695 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

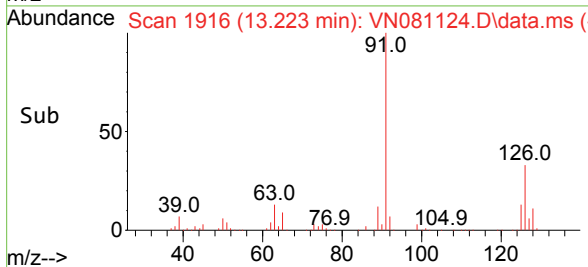
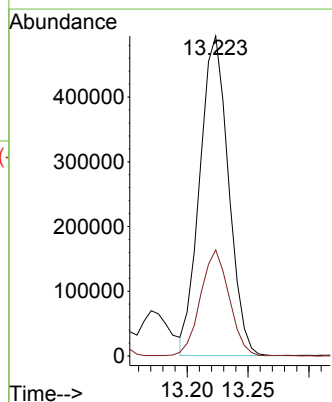
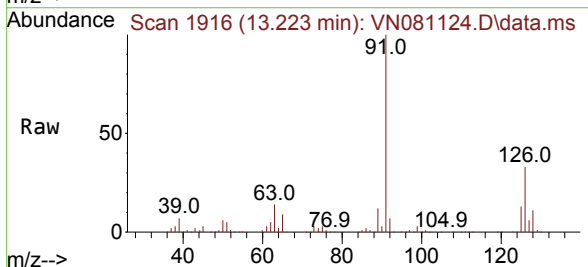
Instrument :
MSVOA_N
ClientSampleId :

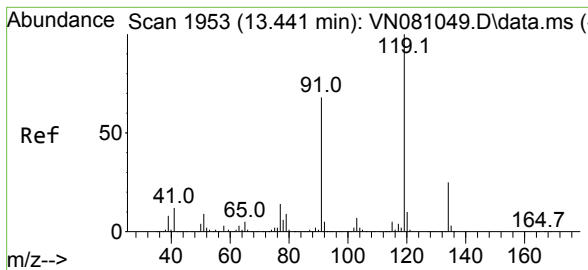
Tgt Ion: 75 Resp: 131083
Ion Ratio Lower Upper
75 100
53 97.7 71.4 107.2
89 35.2 33.4 50.0



#82
4-Chlorotoluene
Concen: 54.625 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081124.D
Acq: 22 Feb 2024 10:27

Tgt Ion: 91 Resp: 807324
Ion Ratio Lower Upper
91 100
126 33.0 15.3 45.9

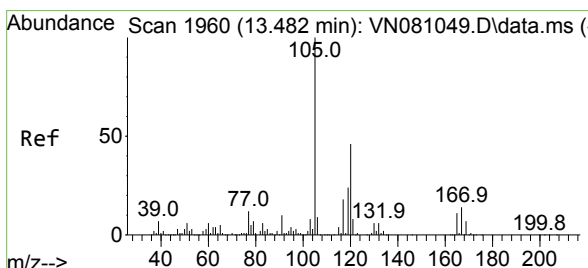
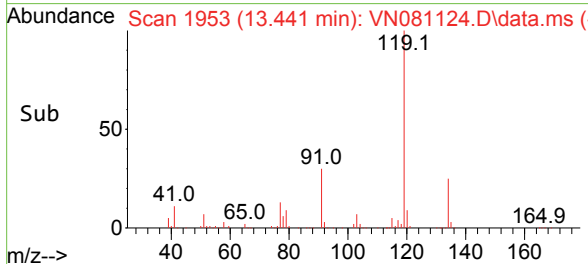
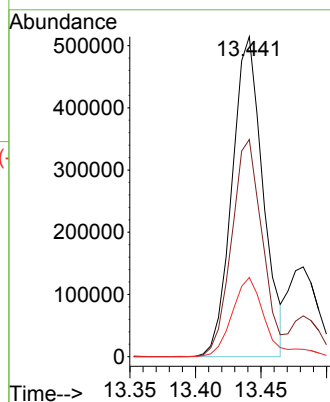
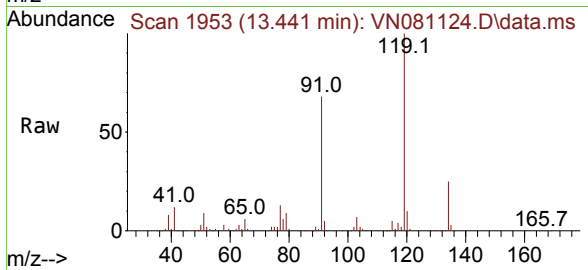




#83
 tert-Butylbenzene
 Concen: 56.297 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

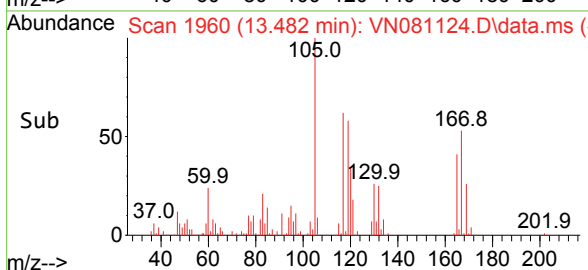
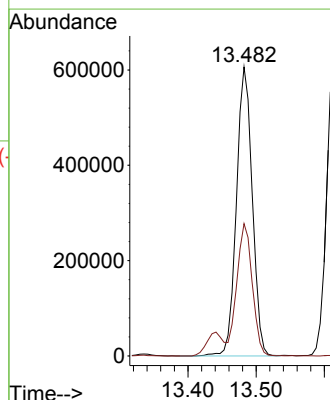
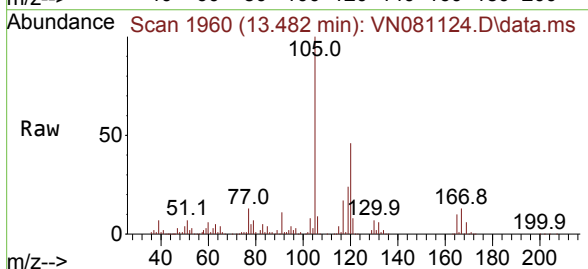
Instrument :
 MSVOA_N
 ClientSampleId :

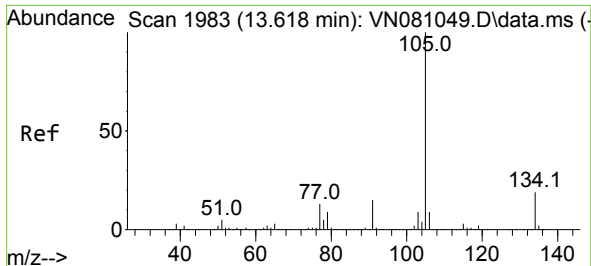
Tgt Ion:119 Resp: 844878
 Ion Ratio Lower Upper
 119 100
 91 67.1 36.8 110.4
 134 26.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 56.680 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion:105 Resp: 980297
 Ion Ratio Lower Upper
 105 100
 120 44.2 20.9 62.7

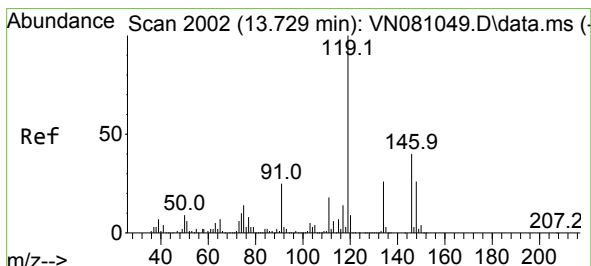
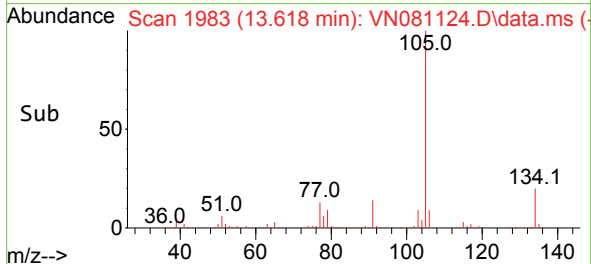
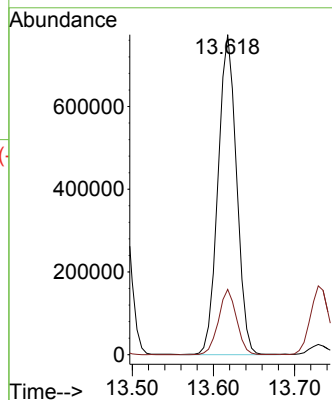
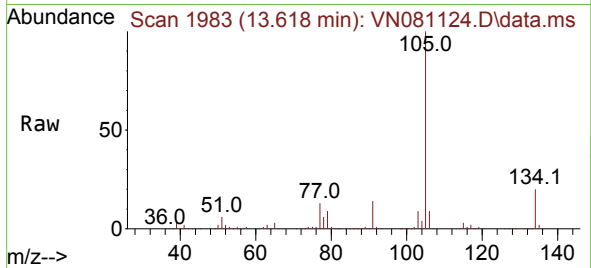




#85
 sec-Butylbenzene
 Concen: 58.926 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

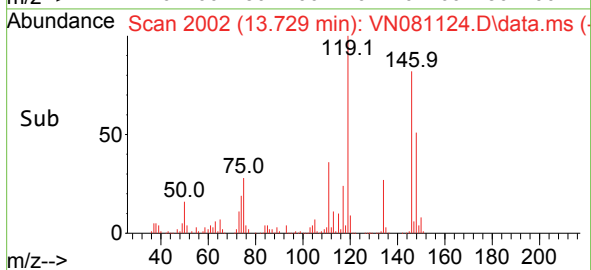
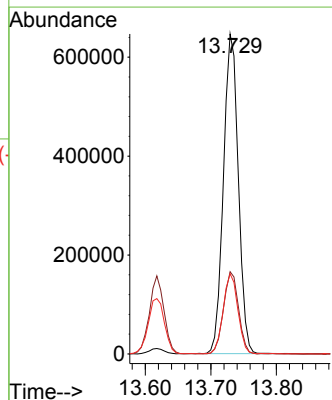
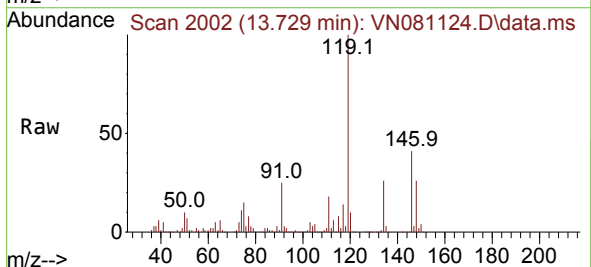
Instrument :
 MSVOA_N
 ClientSampleId :

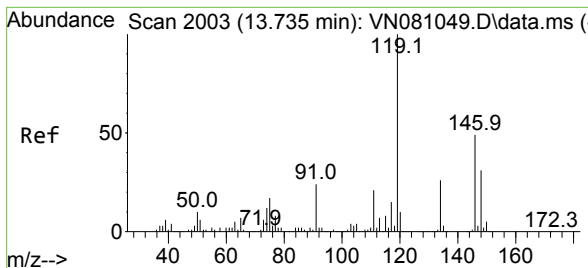
Tgt Ion:105 Resp: 1229405
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 58.479 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion:119 Resp: 1013419
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 24.7 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 54.621 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

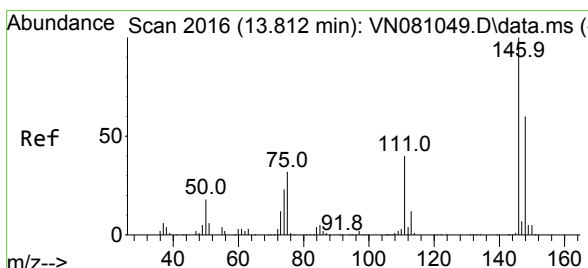
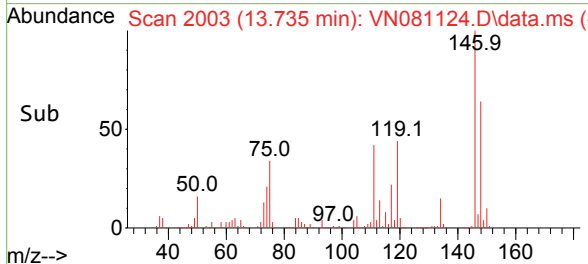
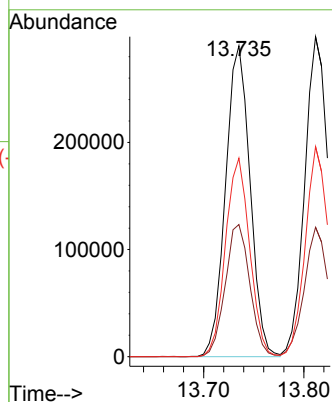
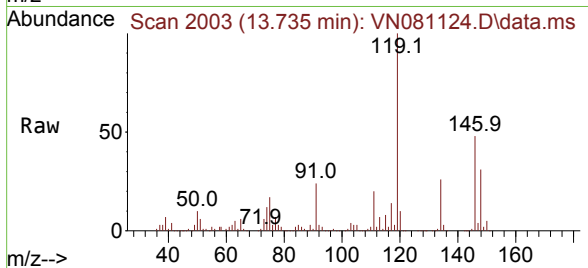
Tgt Ion:146 Resp: 492593

Ion Ratio Lower Upper

146 100

111 42.9 23.9 71.7

148 63.0 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 55.344 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

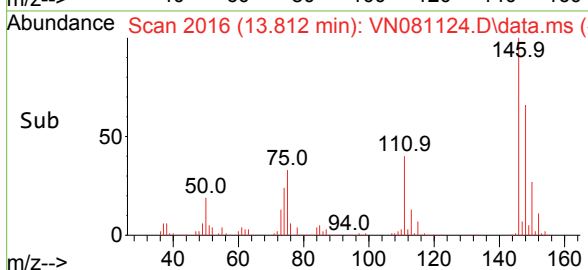
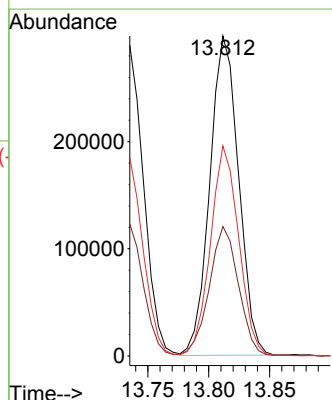
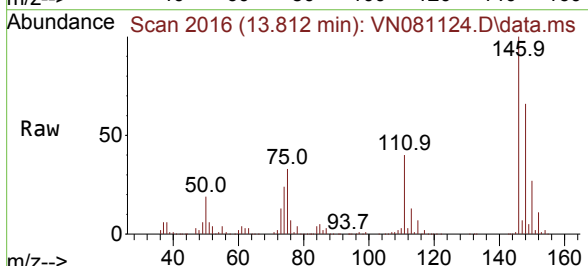
Tgt Ion:146 Resp: 490439

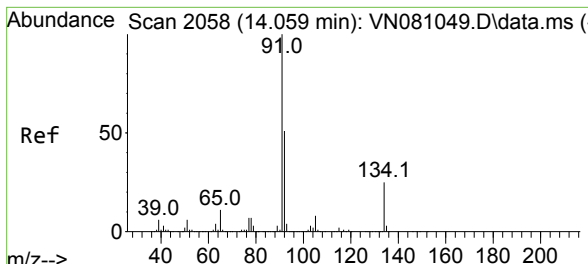
Ion Ratio Lower Upper

146 100

111 41.0 22.6 67.7

148 64.6 31.9 95.5

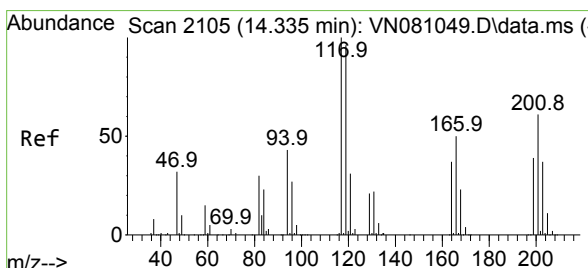
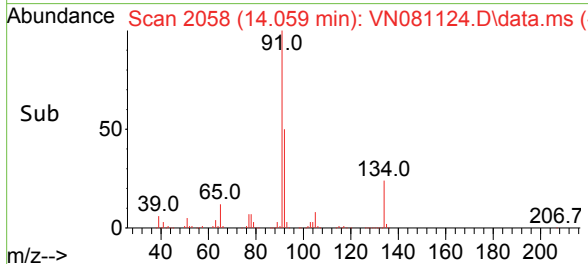
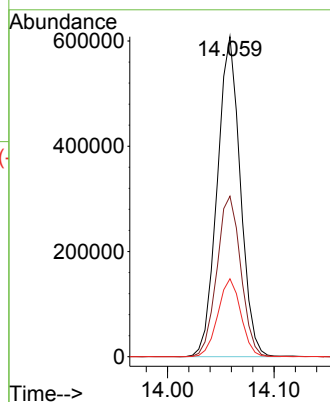
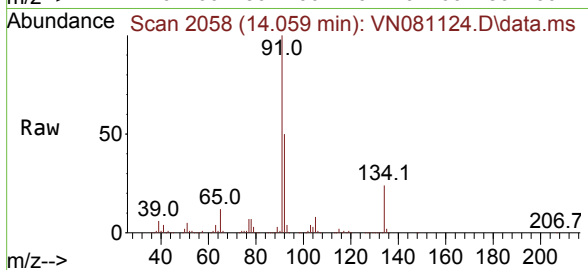




#89
 n-Butylbenzene
 Concen: 60.472 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

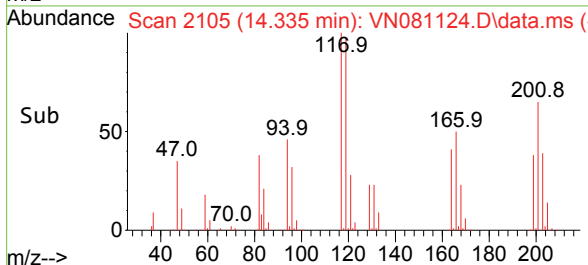
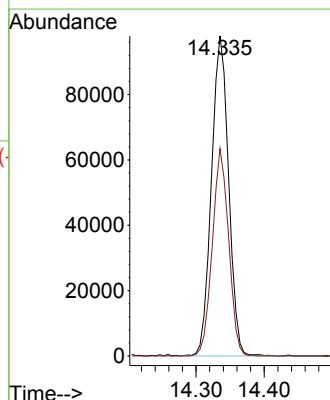
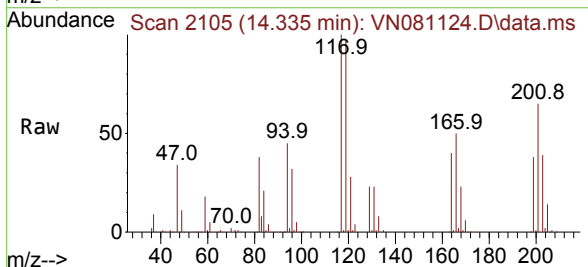
Instrument :
 MSVOA_N
 ClientSampleId :

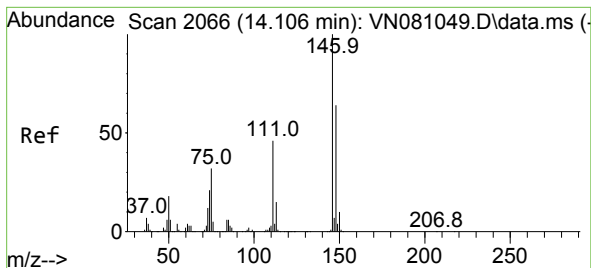
Tgt Ion: 91	Resp: 912982
Ion Ratio	Lower Upper
91	100
92	52.2 26.7 80.1
134	24.3 10.8 32.4



#90
 Hexachloroethane
 Concen: 59.834 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN081124.D
 Acq: 22 Feb 2024 10:27

Tgt Ion: 117	Resp: 171393
Ion Ratio	Lower Upper
117	100
201	61.7 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 54.446 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

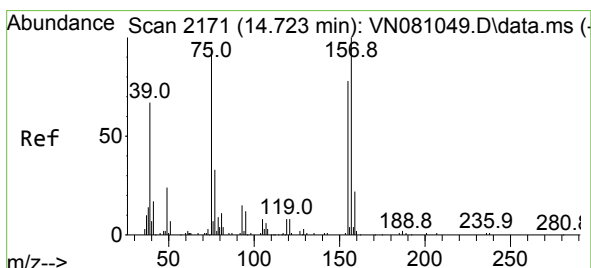
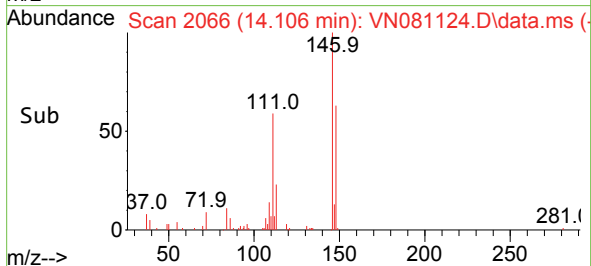
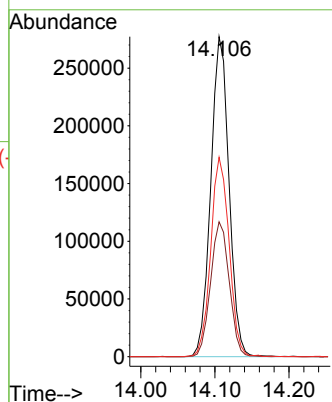
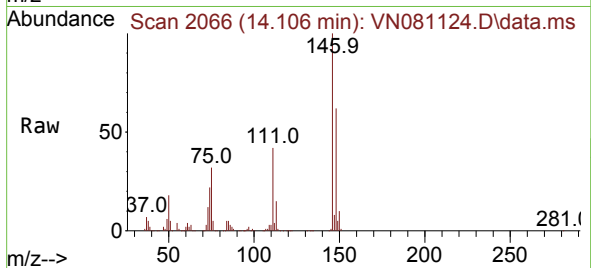
Tgt Ion:146 Resp: 473582

Ion Ratio Lower Upper

146 100

111 43.2 23.9 71.8

148 62.9 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.709 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

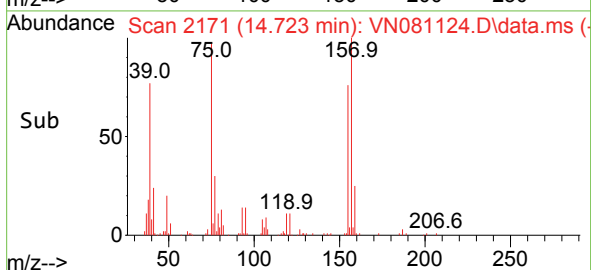
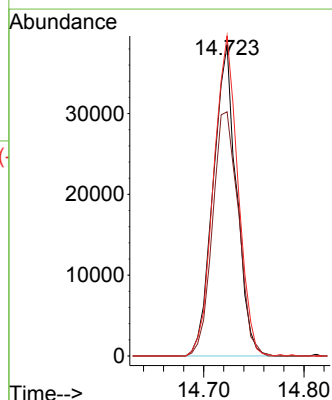
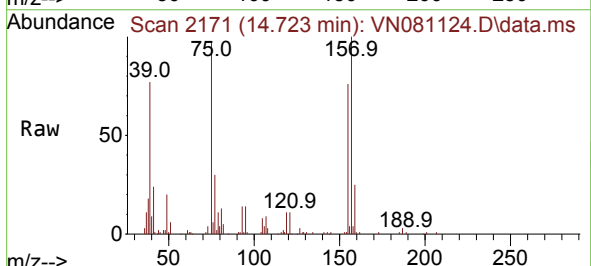
Tgt Ion: 75 Resp: 62210

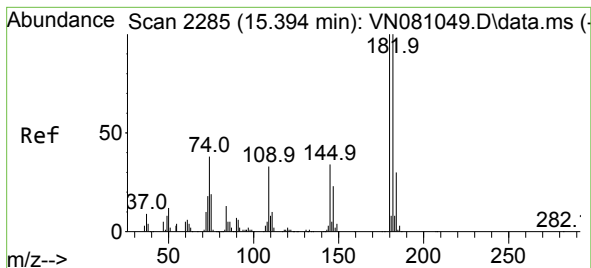
Ion Ratio Lower Upper

75 100

155 86.8 31.8 95.4

157 107.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 57.649 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

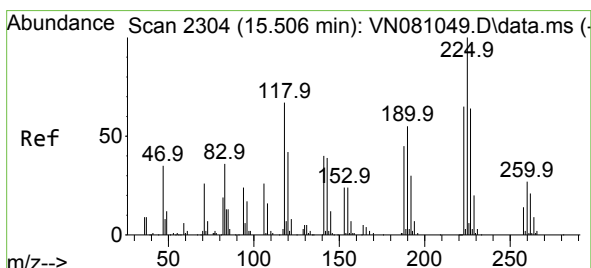
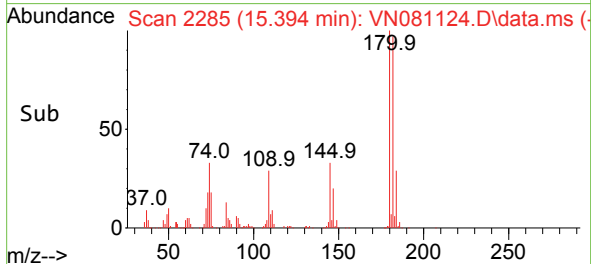
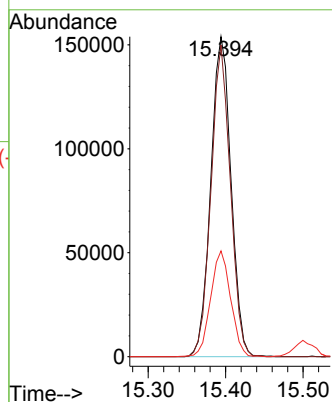
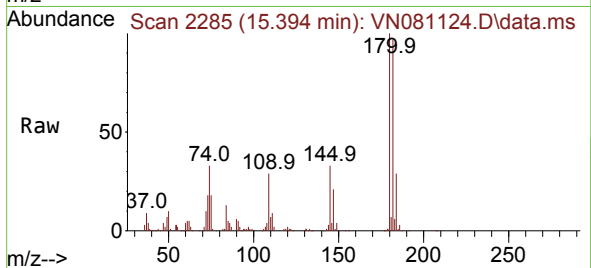
Tgt Ion:180 Resp: 279750

Ion Ratio Lower Upper

180 100

182 93.1 46.6 139.7

145 32.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 57.782 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

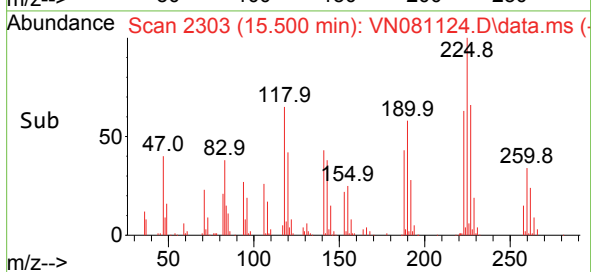
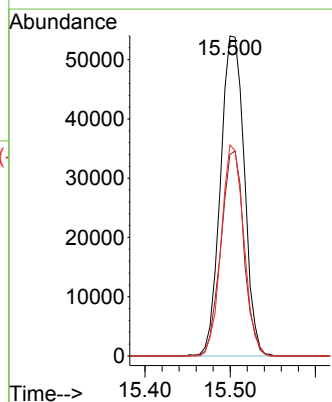
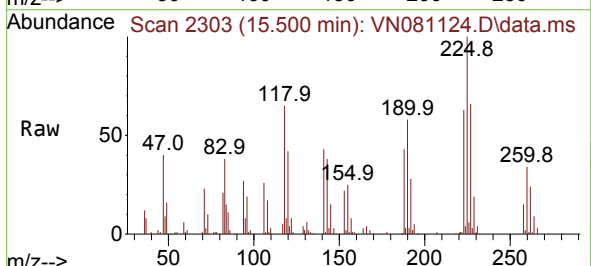
Tgt Ion:225 Resp: 104572

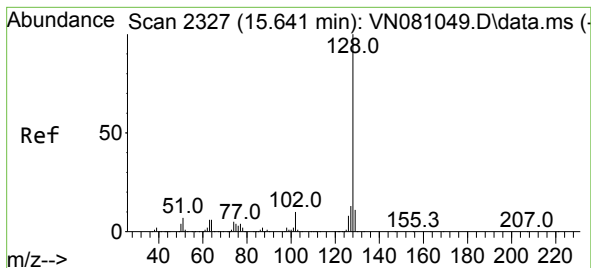
Ion Ratio Lower Upper

225 100

223 61.8 33.3 99.8

227 62.4 33.1 99.2





#95

Naphthalene

Concen: 53.935 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Instrument :

MSVOA_N

ClientSampleId :

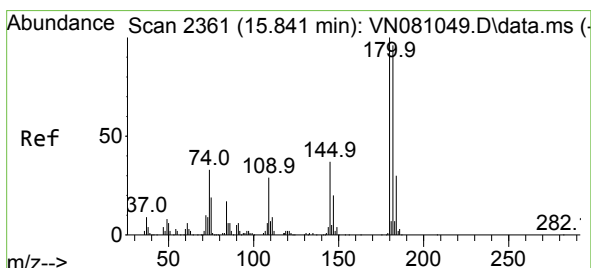
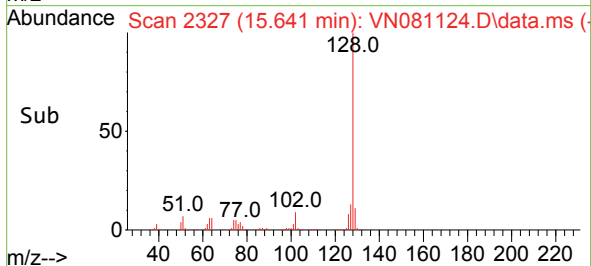
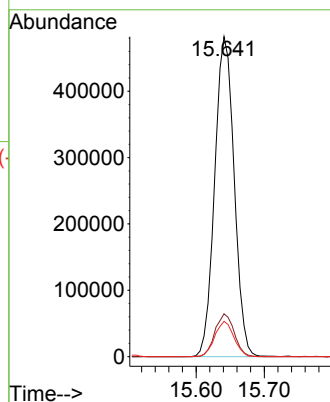
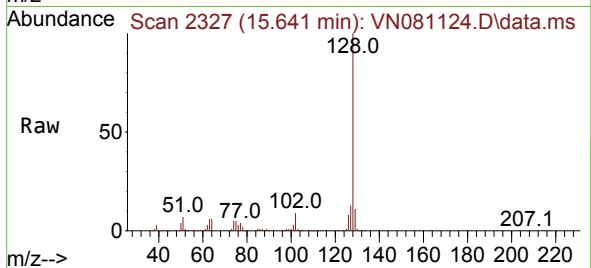
Tgt Ion:128 Resp: 959099

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 56.526 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081124.D

Acq: 22 Feb 2024 10:27

Tgt Ion:180 Resp: 272112

Ion Ratio Lower Upper

180 100

182 95.8 46.5 139.3

145 35.7 17.8 53.4

