

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081512.D
 Acq On : 21 Mar 2024 12:05
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 05:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	473279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	810582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	705737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	319592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	285583	47.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	8.165	113	256878	50.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	10.565	98	913618	49.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.847	95	314248	48.227	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.460%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	100276	15.735	ug/l	95
3) Chloromethane	2.359	50	96135	15.151	ug/l	93
4) Vinyl Chloride	2.518	62	106512	14.958	ug/l	93
5) Bromomethane	2.965	94	82514	16.385	ug/l	97
6) Chloroethane	3.130	64	73714	15.077	ug/l	98
7) Trichlorofluoromethane	3.500	101	187697	17.687	ug/l	97
8) Diethyl Ether	3.959	74	64925	18.486	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	103538	17.171	ug/l #	89
10) Methyl Iodide	4.583	142	99421	16.557	ug/l #	86
11) Tert butyl alcohol	5.506	59	78133	74.285	ug/l	100
12) 1,1-Dichloroethene	4.342	96	102423	18.337	ug/l	81
13) Acrolein	4.177	56	124932	132.370	ug/l	98
14) Allyl chloride	5.018	41	131607	18.804	ug/l #	90
15) Acrylonitrile	5.718	53	225085	79.992	ug/l	98
16) Acetone	4.424	43	149758	76.777	ug/l	99
17) Carbon Disulfide	4.712	76	260632	16.261	ug/l	99
18) Methyl Acetate	5.018	43	97832	16.269	ug/l #	82
19) Methyl tert-butyl Ether	5.789	73	318314	18.210	ug/l	96
20) Methylene Chloride	5.283	84	114416	17.907	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	109560	17.592	ug/l	89
22) Diisopropyl ether	6.665	45	309338	19.022	ug/l #	92
23) Vinyl Acetate	6.600	43	1143466	88.337	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	191032	17.539	ug/l	93
25) 2-Butanone	7.483	43	267523	79.963	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	177246	18.762	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	129728	18.411	ug/l	84
28) Bromochloromethane	7.812	49	74688	16.835	ug/l #	49
29) Tetrahydrofuran	7.835	42	177204	78.624	ug/l #	78
30) Chloroform	7.965	83	211232	18.115	ug/l	98
31) Cyclohexane	8.253	56	170877	17.398	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	187794	17.752	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	154424	17.938	ug/l	95
37) Ethyl Acetate	7.559	43	112224	15.223	ug/l	94
38) Carbon Tetrachloride	8.359	117	167831	17.796	ug/l	98
39) Methylcyclohexane	9.600	83	178673	18.585	ug/l	87
40) Benzene	8.606	78	455664	18.104	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62378	16.000	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	154839	17.481	ug/l	94
43) Isopropyl Acetate	8.682	43	197115	16.131	ug/l #	90
44) Trichloroethene	9.353	130	123983	17.515	ug/l	98
45) 1,2-Dichloropropane	9.618	63	110832	18.170	ug/l	98
46) Dibromomethane	9.712	93	81212	17.532	ug/l #	85
47) Bromodichloromethane	9.882	83	162659	17.960	ug/l #	99
48) Methyl methacrylate	9.677	41	94293	16.730	ug/l #	84
49) 1,4-Dioxane	9.694	88	41746	308.211	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	595786	79.903	ug/l	90
52) Toluene	10.629	92	290869	18.183	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	172432	17.632	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	185332	17.675	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	112940	17.543	ug/l	89
56) Ethyl methacrylate	10.871	69	154765	17.660	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	191651	18.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	390840	96.482	ug/l #	84
59) 2-Hexanone	11.194	43	432813	78.511	ug/l	90
60) Dibromochloromethane	11.359	129	124623	17.602	ug/l	99
61) 1,2-Dibromoethane	11.471	107	115896	17.657	ug/l	99
64) Tetrachloroethene	11.100	164	127429	18.890	ug/l	89
65) Chlorobenzene	11.894	112	310905	18.635	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	113657	18.381	ug/l	97
67) Ethyl Benzene	11.965	91	546669	18.863	ug/l	95
68) m/p-Xylenes	12.070	106	423269	38.959	ug/l	94
69) o-Xylene	12.394	106	205093	19.229	ug/l	92
70) Styrene	12.412	104	330095	19.189	ug/l	95
71) Bromoform	12.576	173	81355	17.509	ug/l #	96
73) Isopropylbenzene	12.694	105	528405	19.396	ug/l	97
74) N-amyl acetate	12.494	43	174841	17.735	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	136095	16.991	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	188716	24.686	ug/l	67
77) Bromobenzene	12.976	156	125626	18.668	ug/l	70
78) n-propylbenzene	13.035	91	624153	19.401	ug/l	95
79) 2-Chlorotoluene	13.123	91	365044	18.958	ug/l	90
80) 1,3,5-Trimethylbenzene	13.170	105	449305	19.968	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	56497	19.971	ug/l	96
82) 4-Chlorotoluene	13.217	91	368811	19.428	ug/l	94
83) tert-Butylbenzene	13.441	119	382608	19.719	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	443886	19.628	ug/l	93
85) sec-Butylbenzene	13.617	105	537043	19.361	ug/l	93
86) p-Isopropyltoluene	13.729	119	448582	19.784	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	233895	18.917	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	233226	18.217	ug/l	98
89) n-Butylbenzene	14.053	91	385195	19.158	ug/l	95
90) Hexachloroethane	14.335	117	74932	17.450	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	227207	19.092	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27942	16.392	ug/l	72
93) 1,2,4-Trichlorobenzene	15.388	180	124980	18.163	ug/l	98
94) Hexachlorobutadiene	15.500	225	51367	17.014	ug/l	100
95) Naphthalene	15.641	128	388569	17.427	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	125287	18.101	ug/l	99

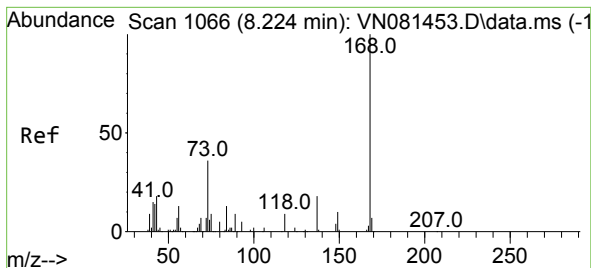
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081512.D

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Instrument :

MSVOA_N

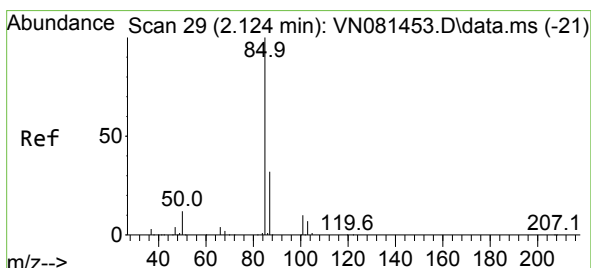
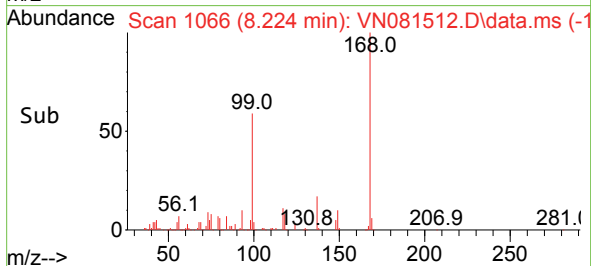
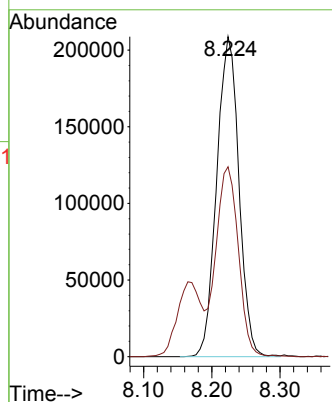
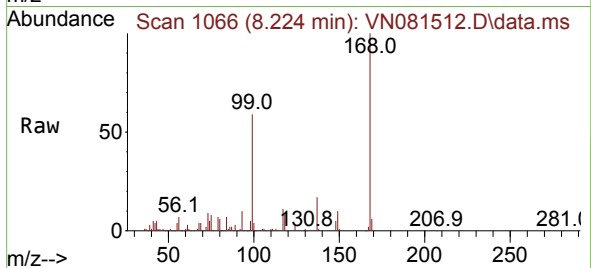
ClientSampleId :

Tgt Ion:168 Resp: 473279

Ion Ratio Lower Upper

168 100

99 59.1 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 15.735 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081512.D

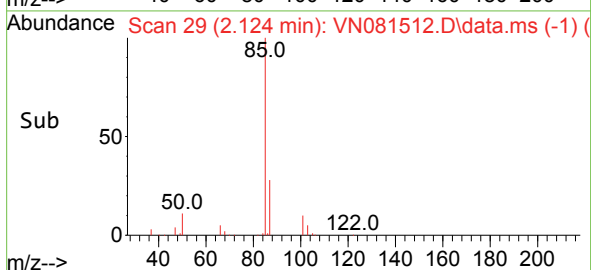
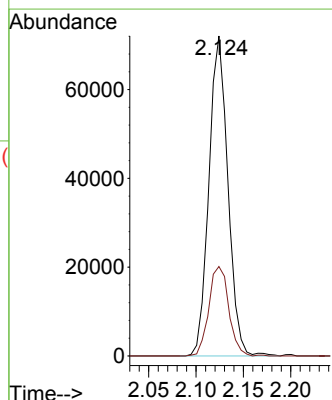
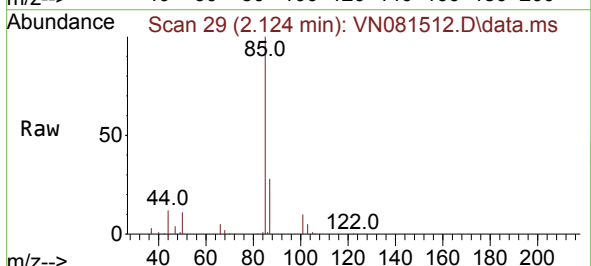
Acq: 21 Mar 2024 12:05

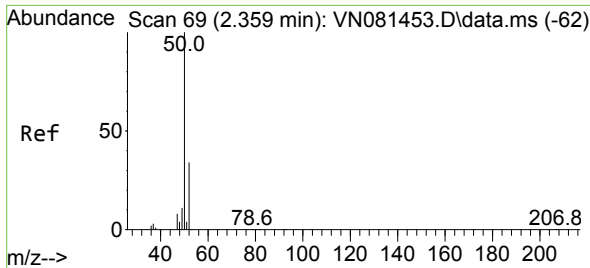
Tgt Ion: 85 Resp: 100276

Ion Ratio Lower Upper

85 100

87 27.9 15.3 45.9

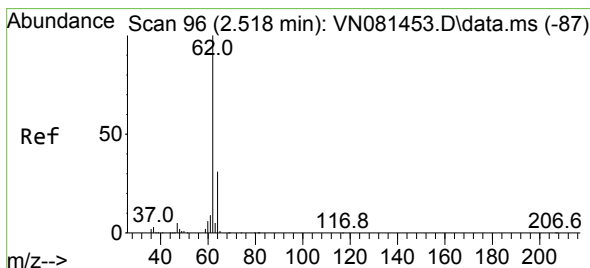
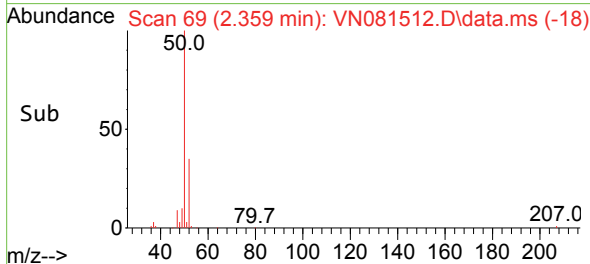
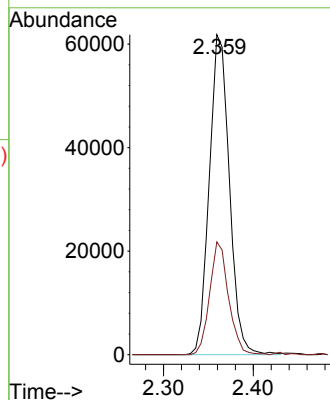
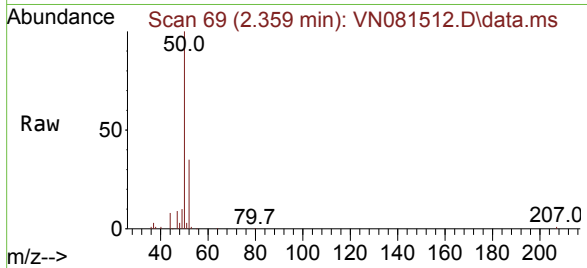




#3
Chloromethane
Concen: 15.151 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

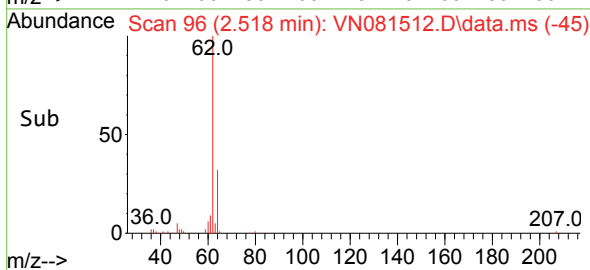
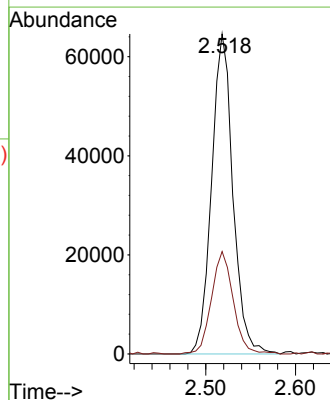
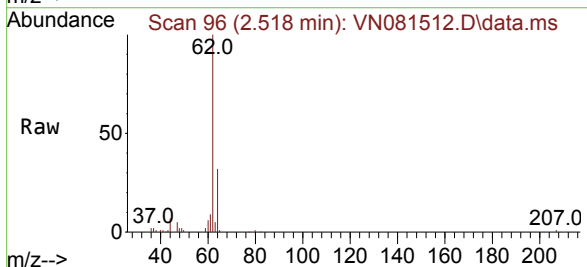
Instrument :
MSVOA_N
ClientSampleId :

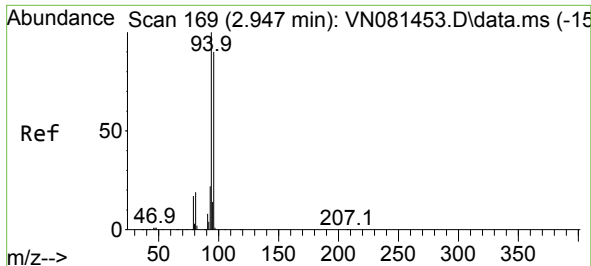
Tgt Ion: 50 Resp: 96135
Ion Ratio Lower Upper
50 100
52 35.2 25.0 37.4



#4
Vinyl Chloride
Concen: 14.958 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 62 Resp: 106512
Ion Ratio Lower Upper
62 100
64 32.0 22.7 34.1

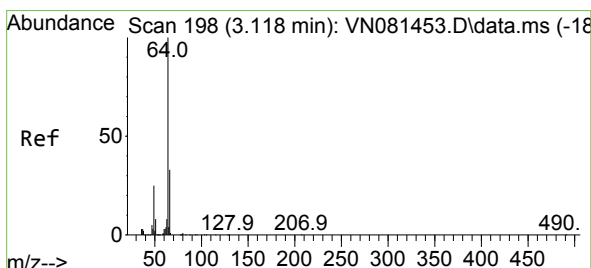
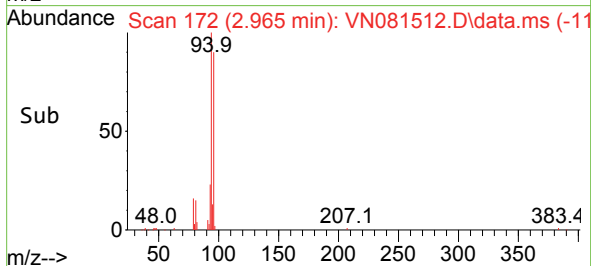
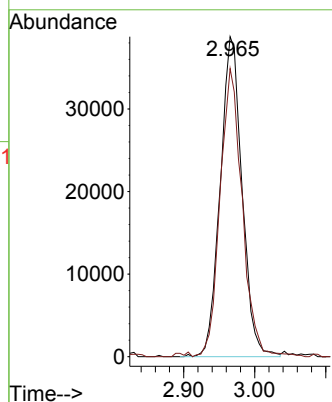
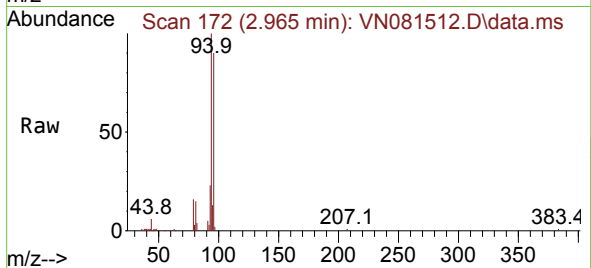




#5
Bromomethane
Concen: 16.385 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

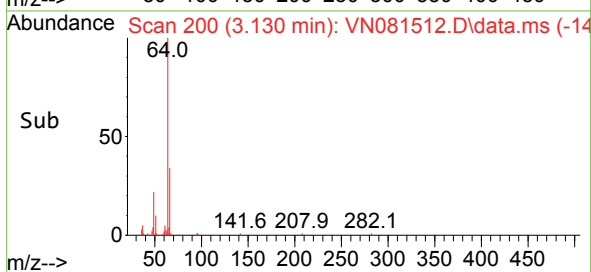
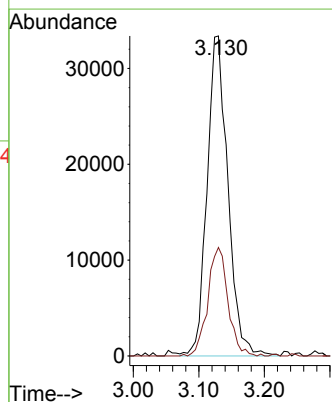
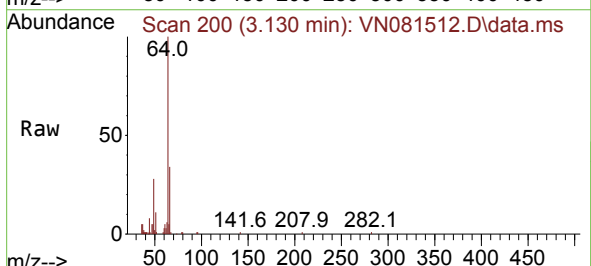
Instrument :
MSVOA_N
ClientSampleId :

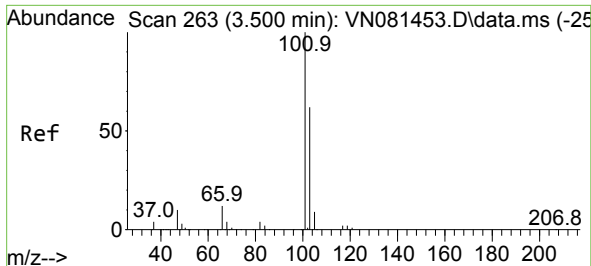
Tgt Ion: 94 Resp: 82514
Ion Ratio Lower Upper
94 100
96 89.0 69.2 103.8



#6
Chloroethane
Concen: 15.077 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 64 Resp: 73714
Ion Ratio Lower Upper
64 100
66 33.9 26.4 39.6

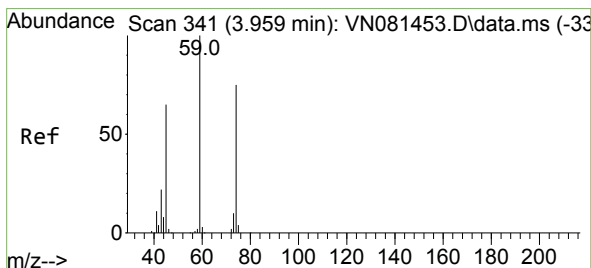
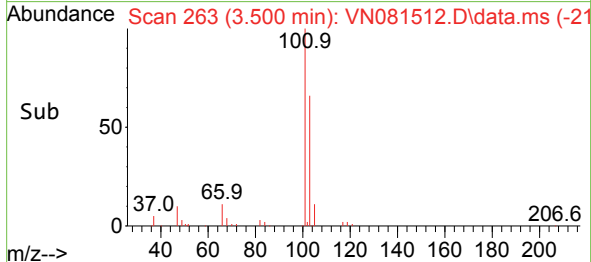
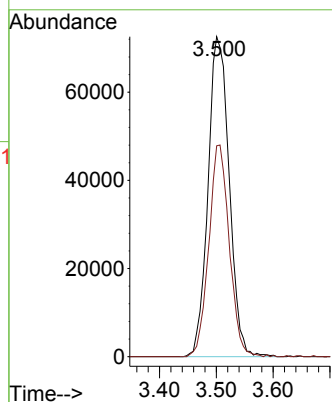
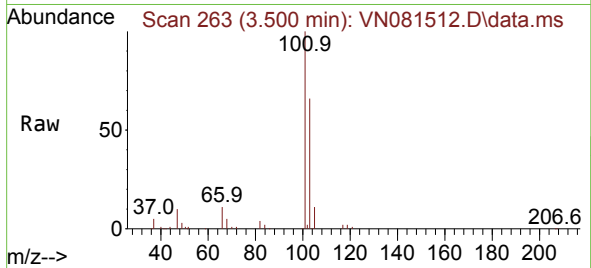




#7
 Trichlorofluoromethane
 Concen: 17.687 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081512.D
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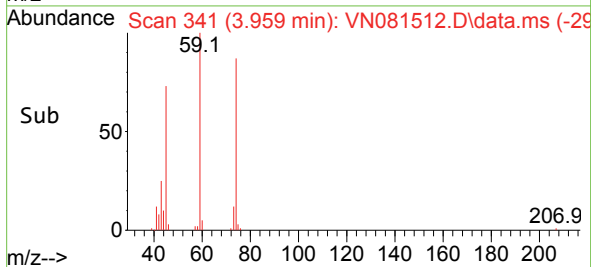
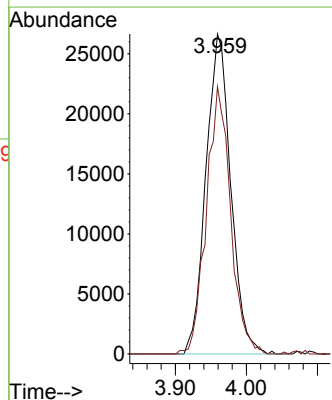
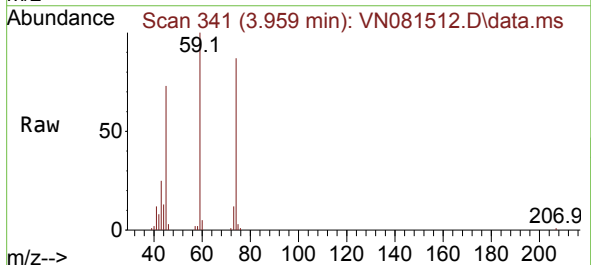
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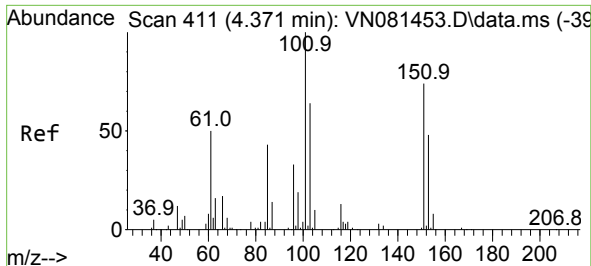
Tgt Ion:101 Resp: 187697
 Ion Ratio Lower Upper
 101 100
 103 65.9 54.4 81.6



#8
 Diethyl Ether
 Concen: 18.486 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

Tgt Ion: 74 Resp: 64925
 Ion Ratio Lower Upper
 74 100
 45 81.1 53.3 159.9

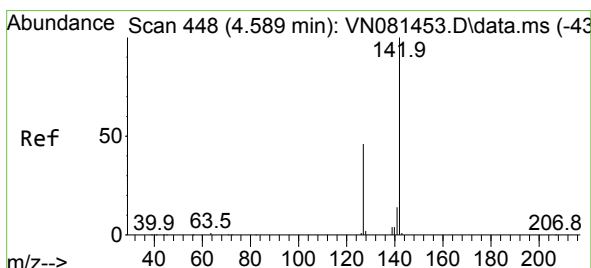
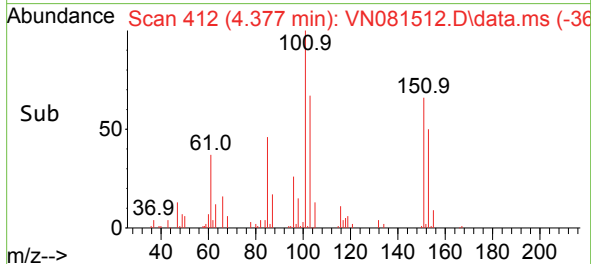
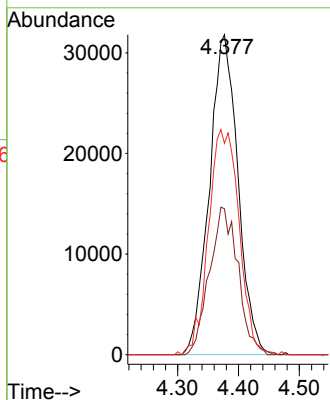
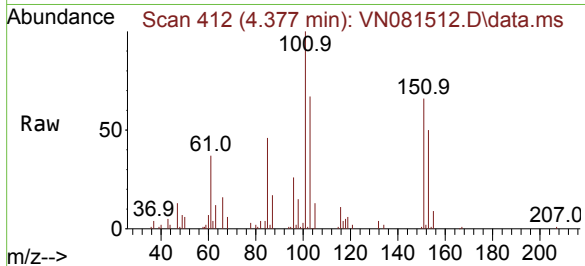




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.171 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081512.D
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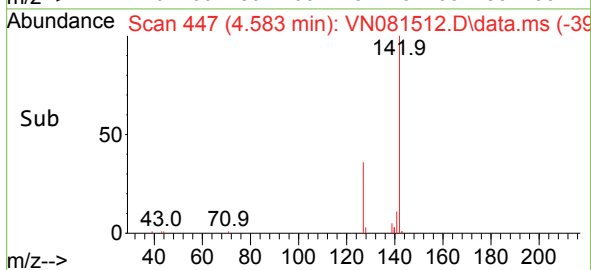
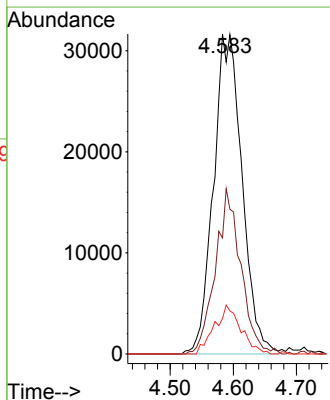
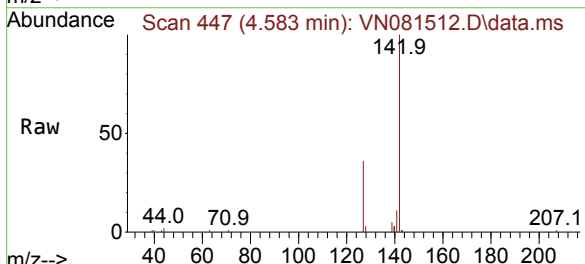
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MSVOA_N
ClientSampleId :

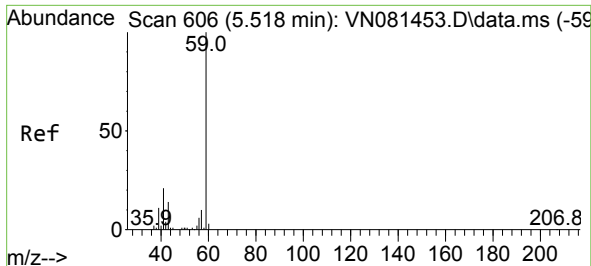
Tgt Ion:101 Resp: 103538
Ion Ratio Lower Upper
101 100
85 46.2 38.1 57.1
151 75.3 49.1 73.7#



#10
Methyl Iodide
Concen: 16.557 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

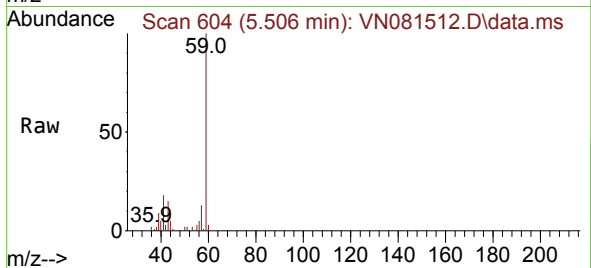
Tgt Ion:142 Resp: 99421
Ion Ratio Lower Upper
142 100
127 36.2 37.0 55.4#
141 11.1 12.5 18.7#



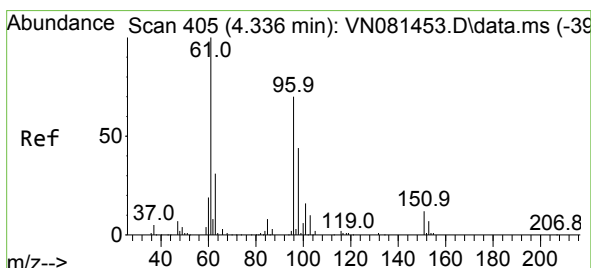
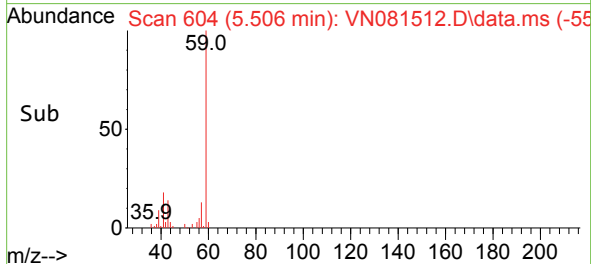
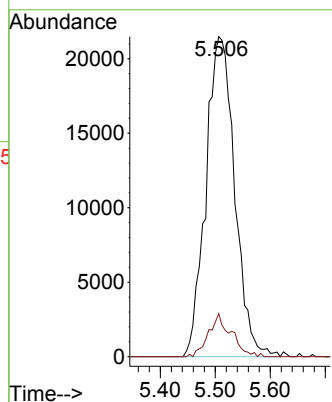


#11
Tert butyl alcohol
Concen: 74.285 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

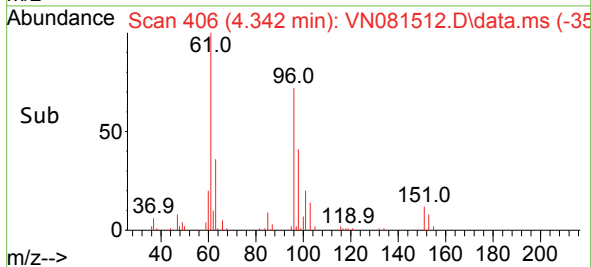
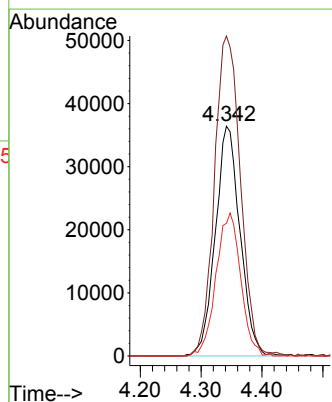
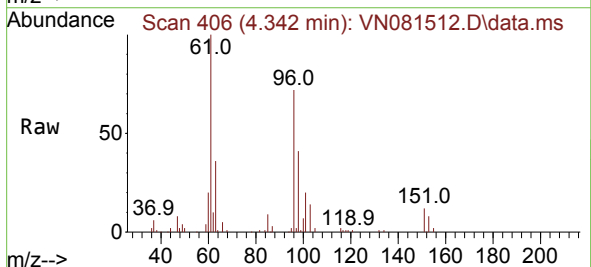


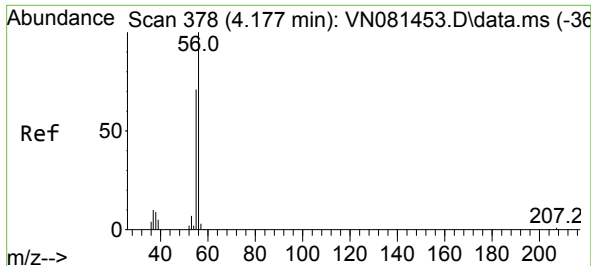
Tgt Ion: 59 Resp: 78133
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.337 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 96 Resp: 102423
Ion Ratio Lower Upper
96 100
61 139.3 138.2 207.4
98 57.7 49.2 73.8





#13

Acrolein

Concen: 132.370 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

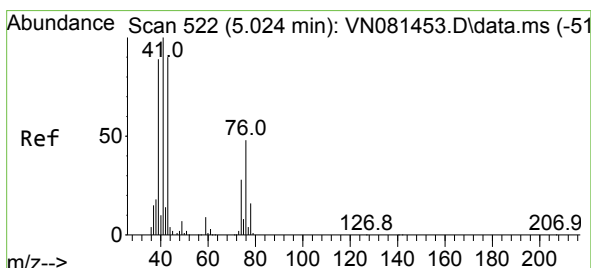
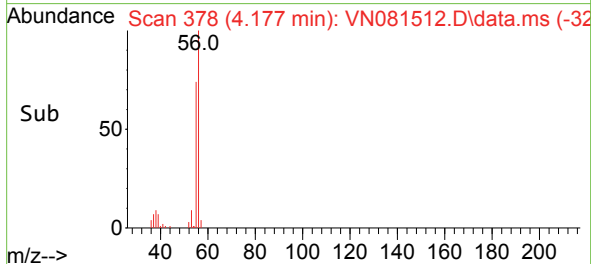
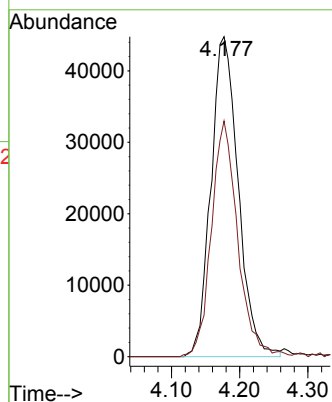
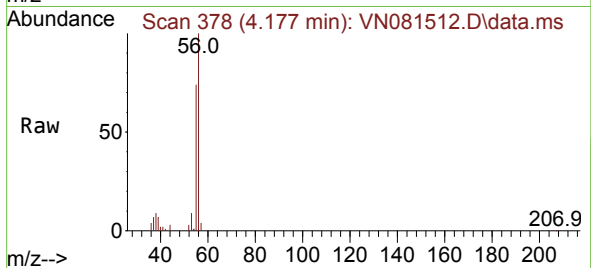
ClientSampleId :

Tgt Ion: 56 Resp: 124932

Ion Ratio Lower Upper

56 100

55 70.8 55.3 82.9



#14

Allyl chloride

Concen: 18.804 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

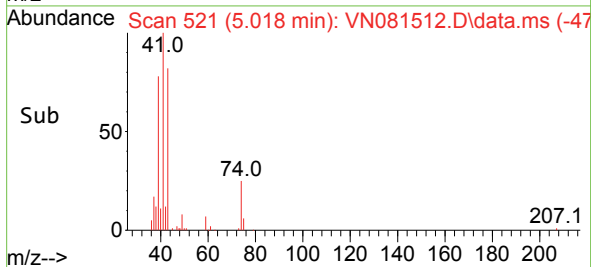
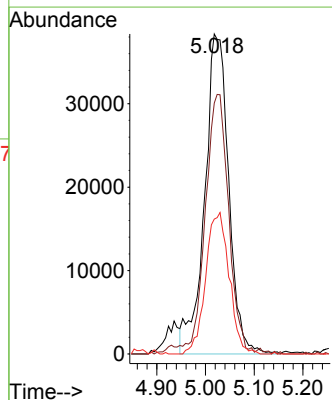
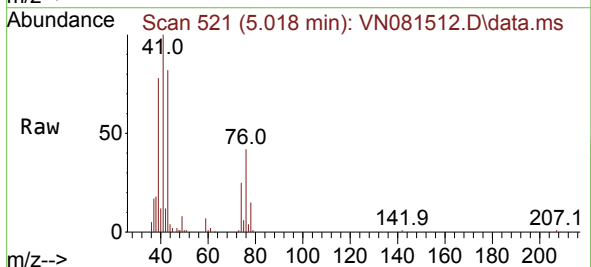
Tgt Ion: 41 Resp: 131607

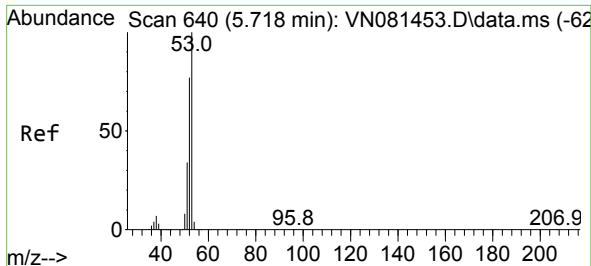
Ion Ratio Lower Upper

41 100

39 77.6 57.7 86.5

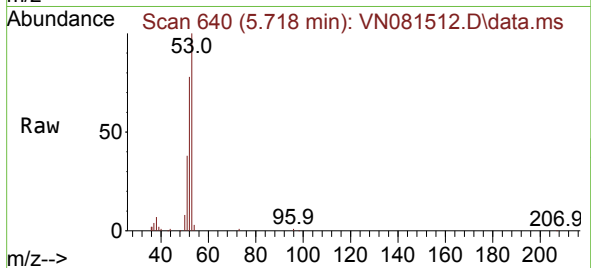
76 43.2 26.8 40.2#



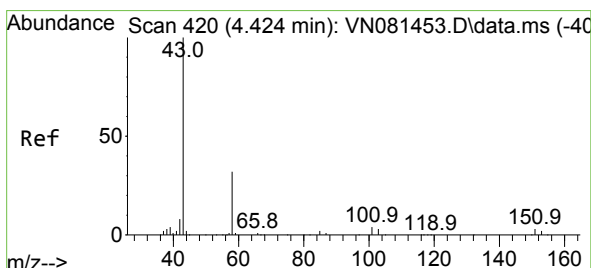
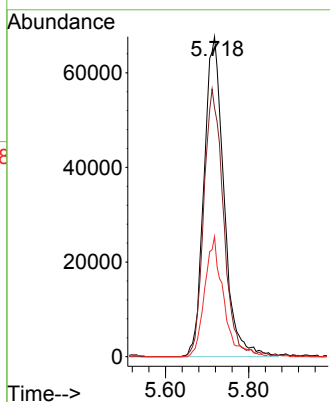
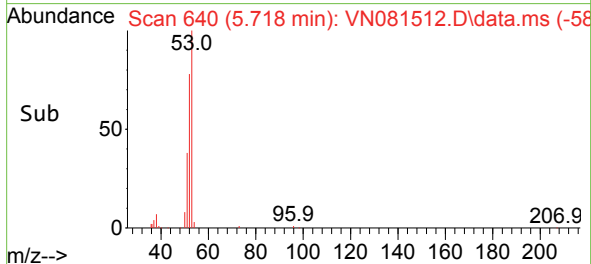


#15
Acrylonitrile
Concen: 79.992 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

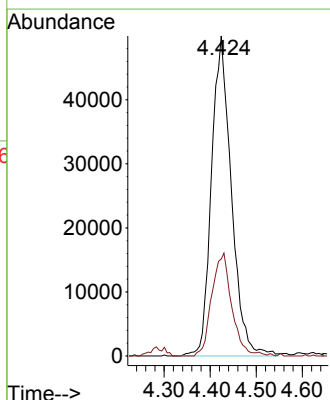
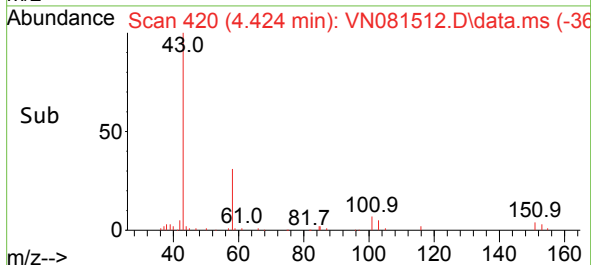
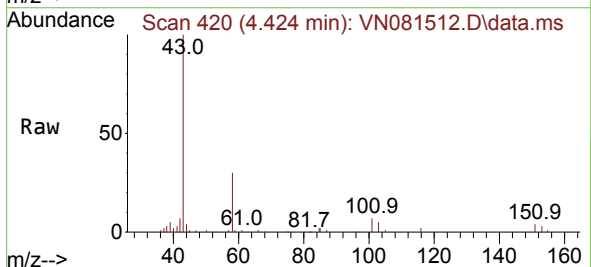


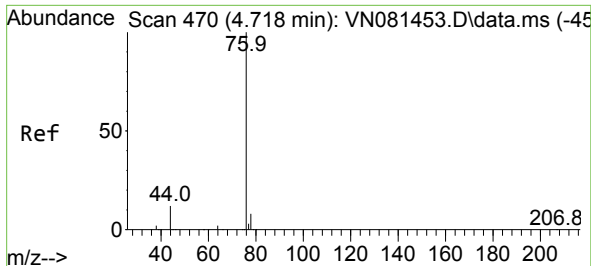
Tgt Ion: 53 Resp: 225085
Ion Ratio Lower Upper
53 100
52 82.1 64.8 97.2
51 35.5 26.9 40.3



#16
Acetone
Concen: 76.777 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 43 Resp: 149758
Ion Ratio Lower Upper
43 100
58 30.3 24.8 37.2





#17

Carbon Disulfide

Concen: 16.261 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

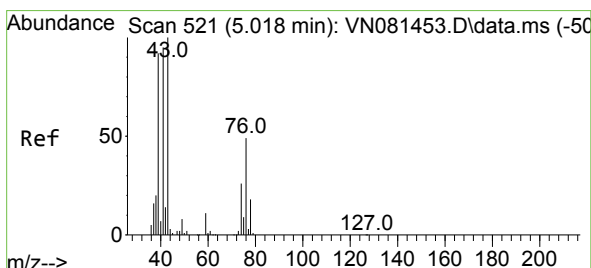
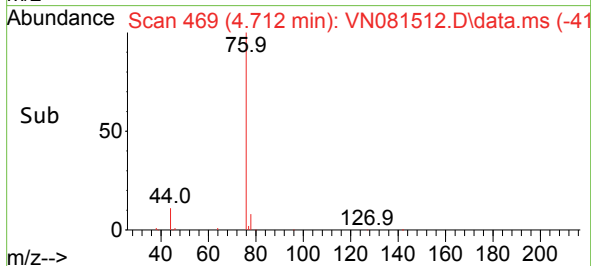
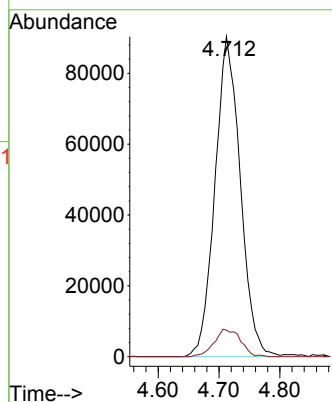
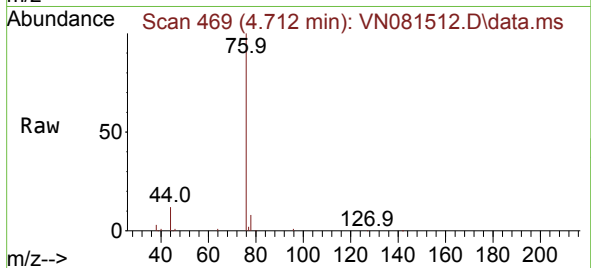
ClientSampleId :

Tgt Ion: 76 Resp: 260632

Ion Ratio Lower Upper

76 100

78 8.3 6.3 9.5



#18

Methyl Acetate

Concen: 16.269 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081512.D

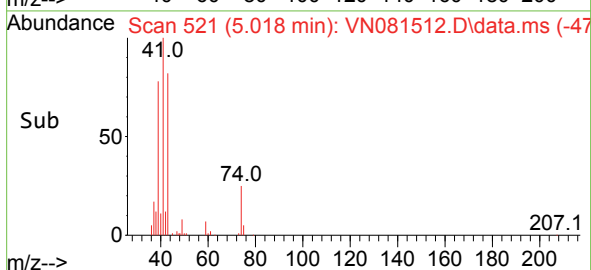
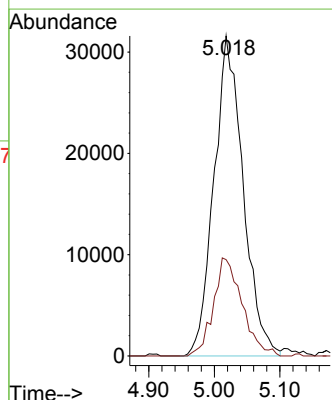
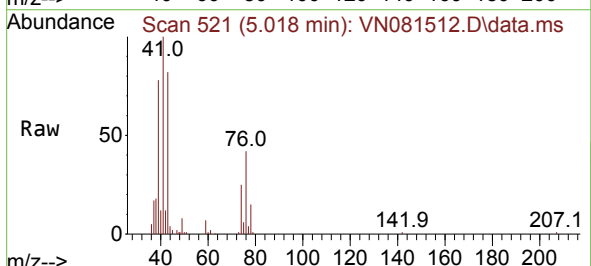
Acq: 21 Mar 2024 12:05

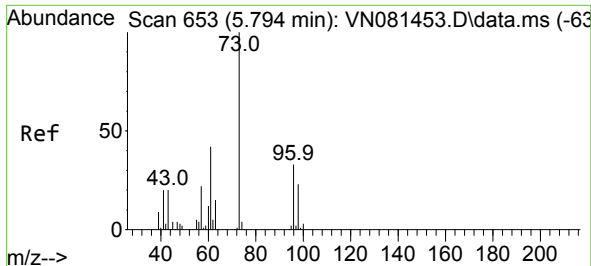
Tgt Ion: 43 Resp: 97832

Ion Ratio Lower Upper

43 100

74 30.1 17.3 25.9#

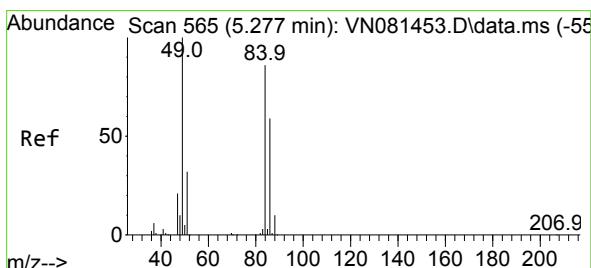
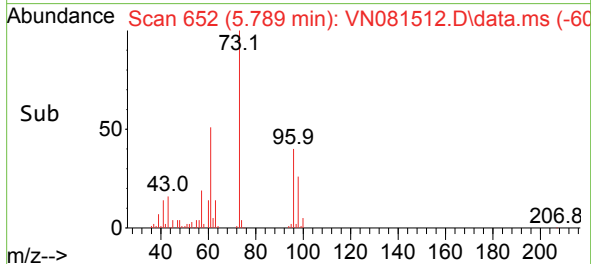
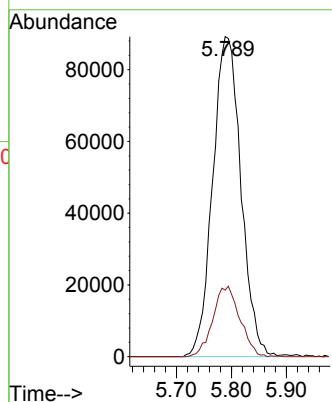
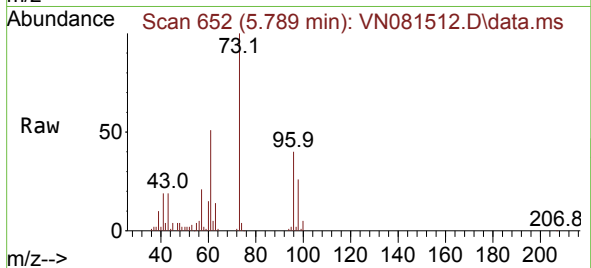




#19
Methyl tert-butyl Ether
Concen: 18.210 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

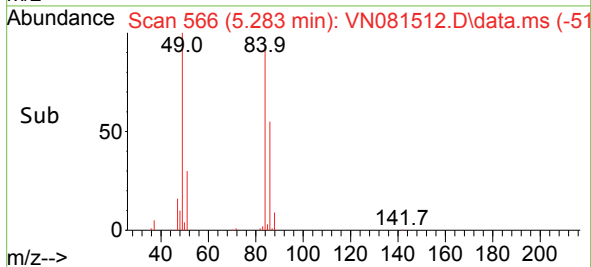
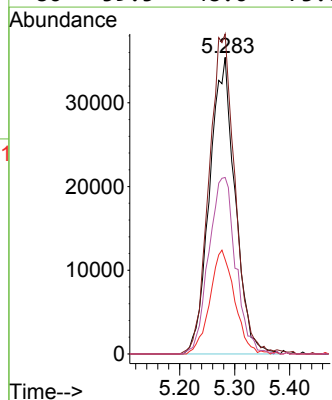
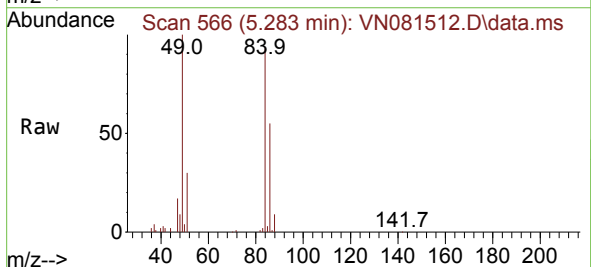
Instrument :
MSVOA_N
ClientSampleId :

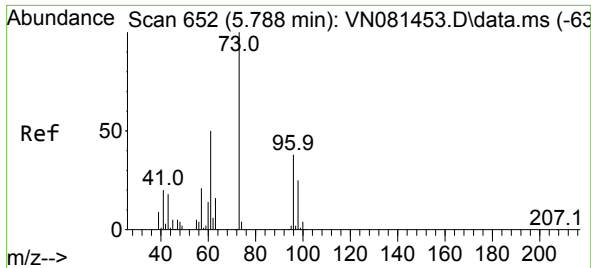
Tgt Ion: 73 Resp: 318314
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4



#20
Methylene Chloride
Concen: 17.907 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 84 Resp: 114416
Ion Ratio Lower Upper
84 100
49 107.9 108.1 162.1#
51 31.8 32.9 49.3#
86 59.5 48.6 73.0

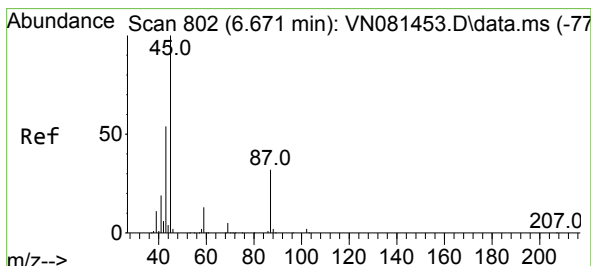
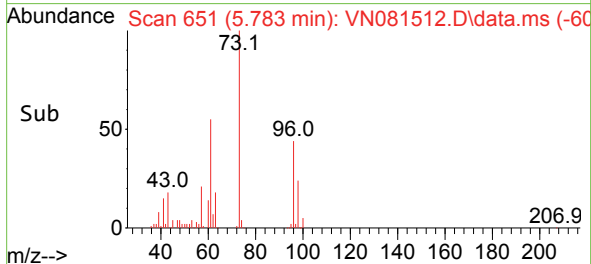
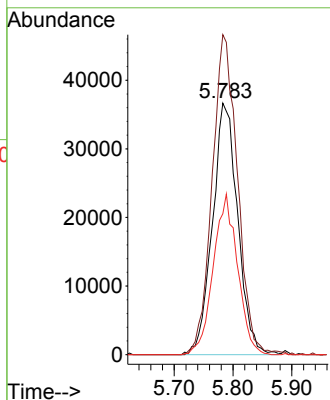
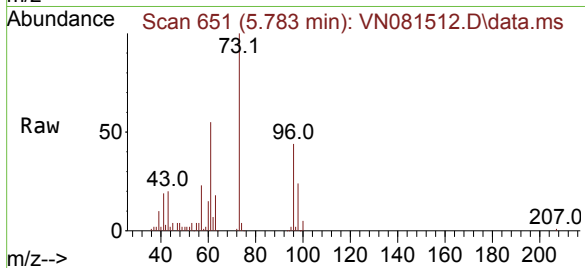




#21
trans-1,2-Dichloroethene
Concen: 17.592 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

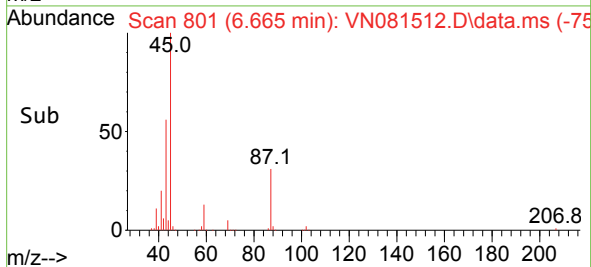
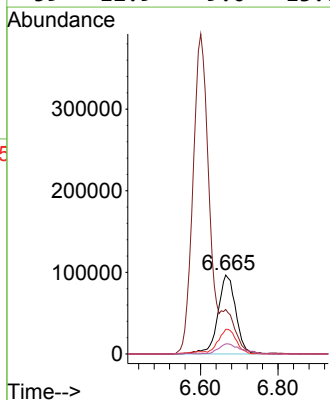
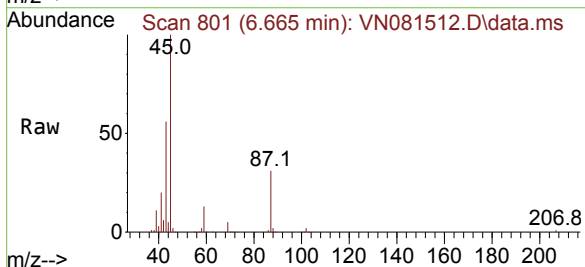
Instrument :
MSVOA_N
ClientSampleId :

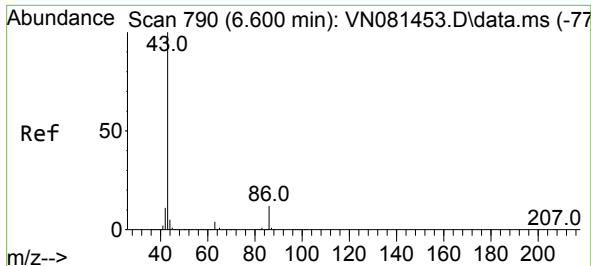
Tgt Ion: 96 Resp: 109560
Ion Ratio Lower Upper
96 100
61 127.2 112.8 169.2
98 56.1 51.0 76.4



#22
Diisopropyl ether
Concen: 19.022 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 45 Resp: 309338
Ion Ratio Lower Upper
45 100
43 55.7 41.8 62.8
87 31.1 18.1 27.1#
59 12.9 9.0 13.6

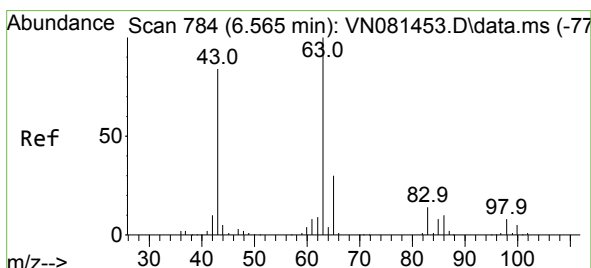
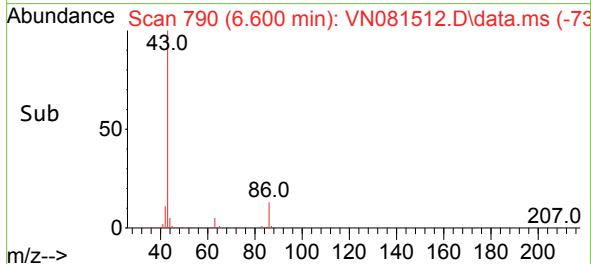
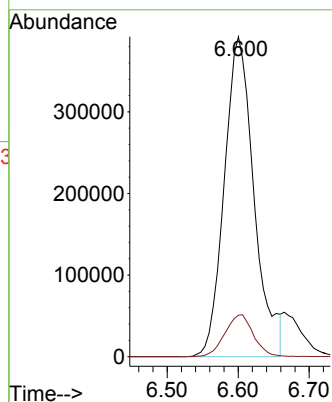
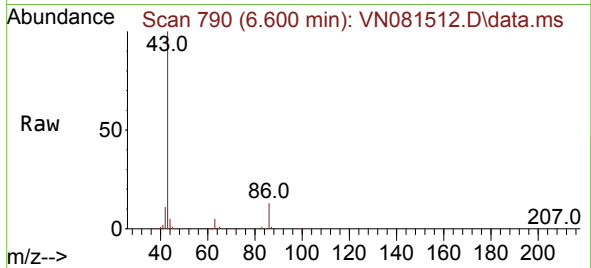




#23
 Vinyl Acetate
 Concen: 88.337 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

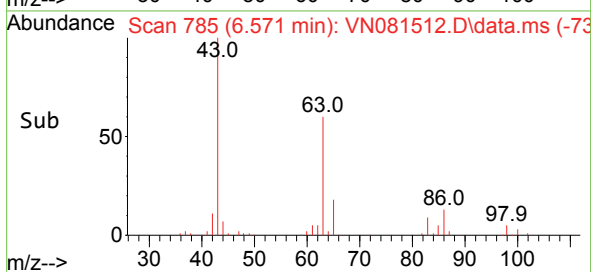
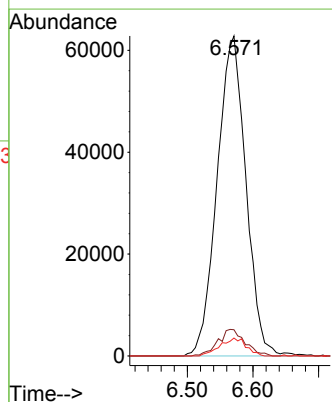
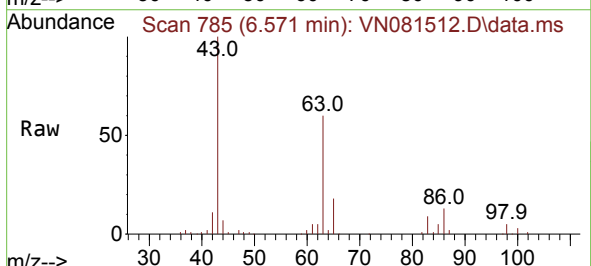
Instrument :
 MSVOA_N
 ClientSampleId :

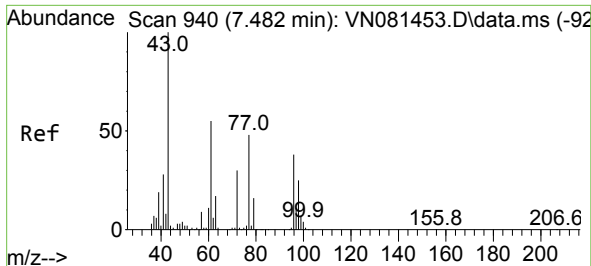
Tgt Ion: 43 Resp: 1143466
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 17.539 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

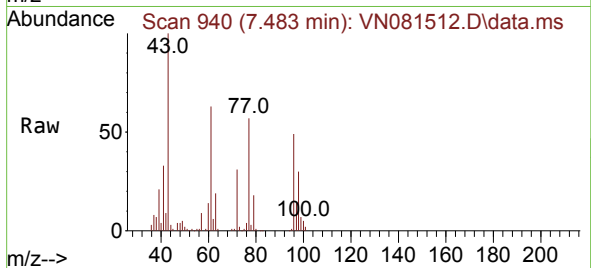
Tgt Ion: 63 Resp: 191032
 Ion Ratio Lower Upper
 63 100
 98 8.2 2.9 8.6
 100 5.6 1.9 5.7



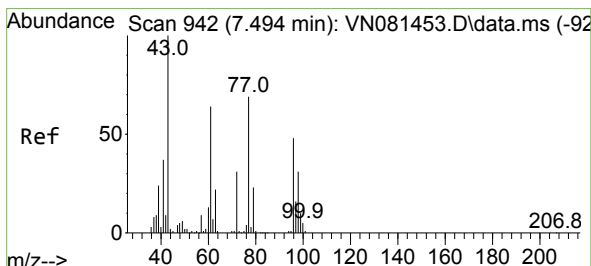
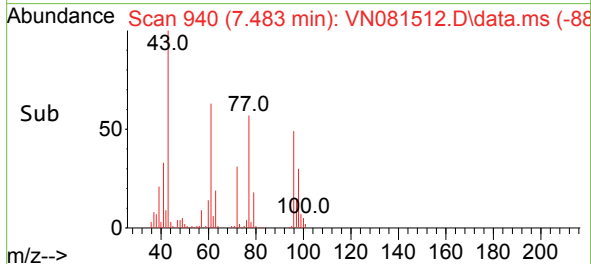
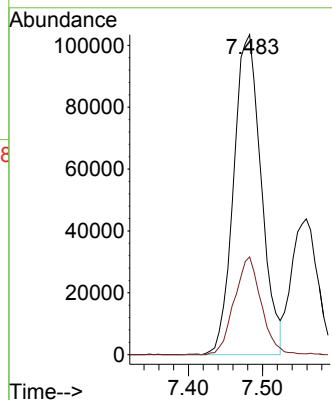


#25
2-Butanone
Concen: 79.963 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

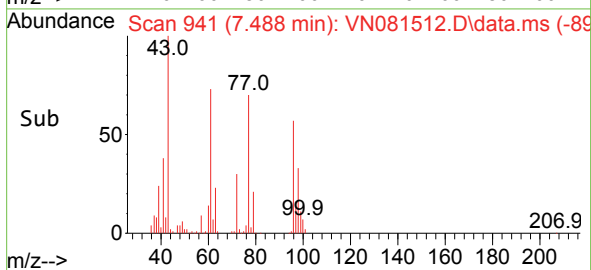
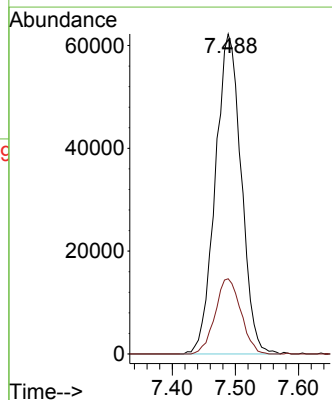
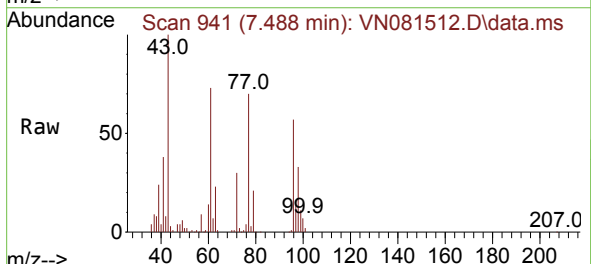


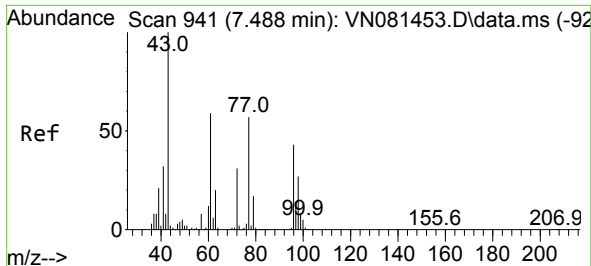
Tgt Ion: 43 Resp: 267523
Ion Ratio Lower Upper
43 100
72 30.6 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 18.762 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

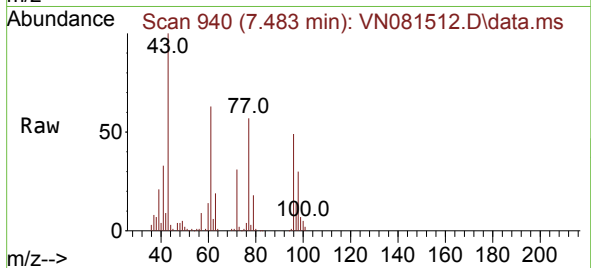
Tgt Ion: 77 Resp: 177246
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5



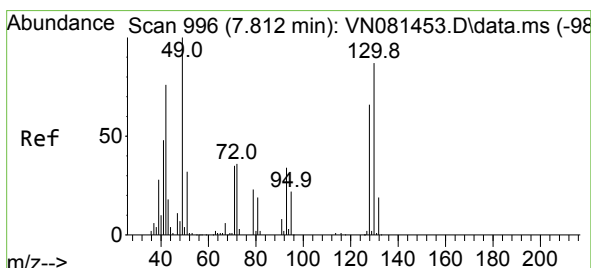
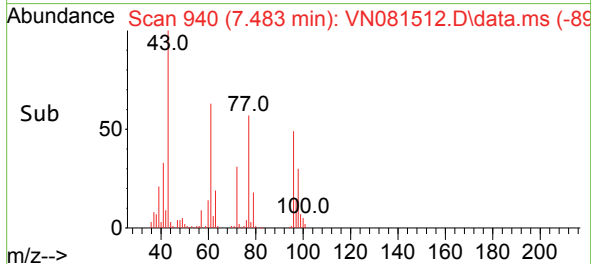
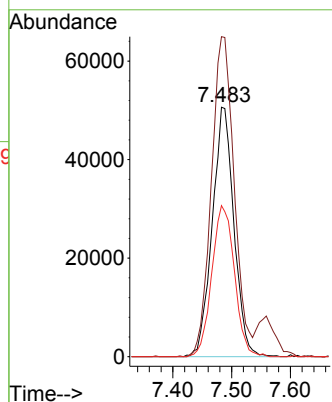


#27
cis-1,2-Dichloroethene
Concen: 18.411 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

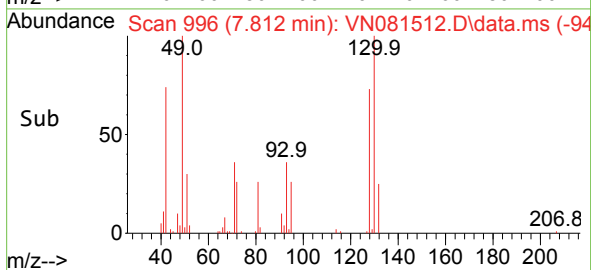
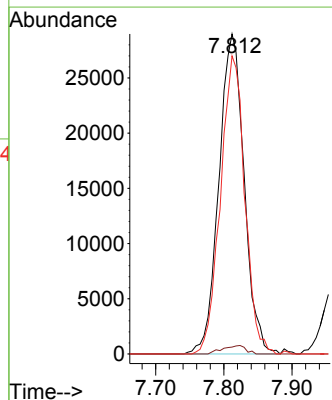
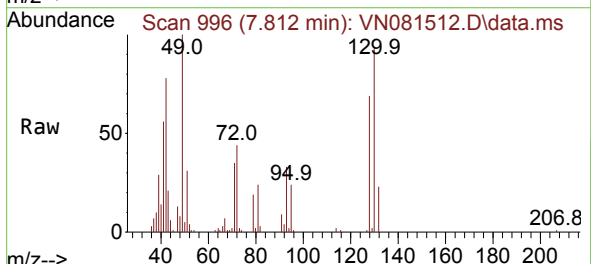


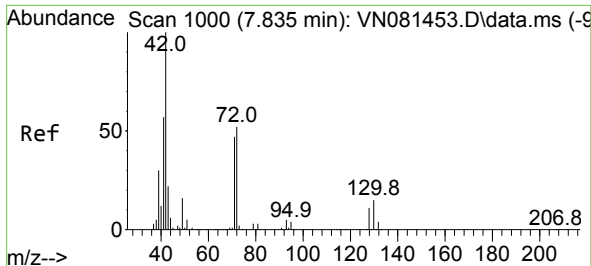
Tgt Ion: 96 Resp: 129728
Ion Ratio Lower Upper
96 100
61 135.0 0.0 325.4
98 63.2 0.0 130.4



#28
Bromochloromethane
Concen: 16.835 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 49 Resp: 74688
Ion Ratio Lower Upper
49 100
129 2.4 0.0 1.6#
130 89.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 78.624 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081512.D

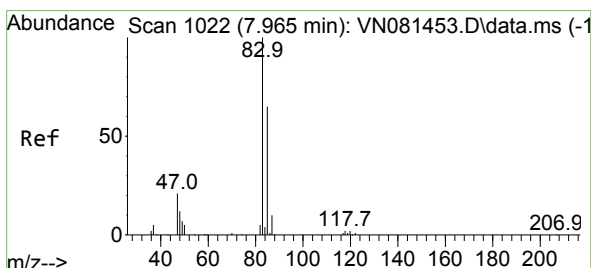
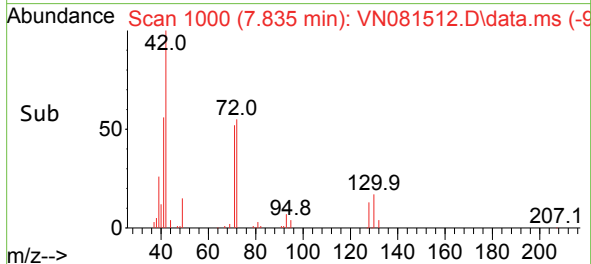
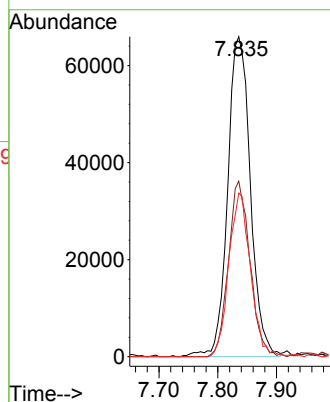
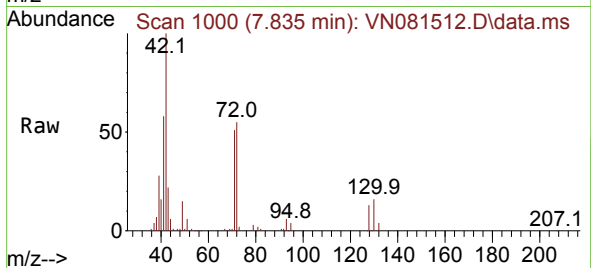
Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	177204
Ion Ratio	Lower	Upper	
42	100		
72	52.0	31.1	46.7#
71	48.8	28.3	42.5#



#30

Chloroform

Concen: 18.115 ug/l

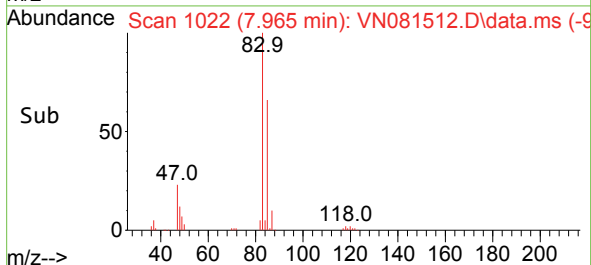
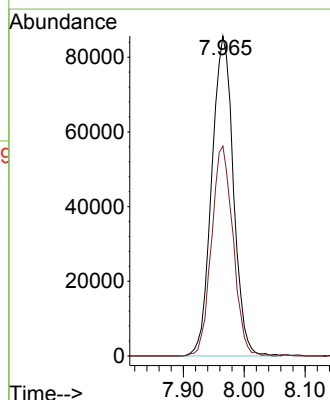
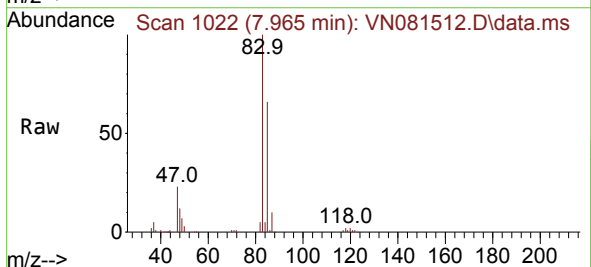
RT: 7.965 min Scan# 1022

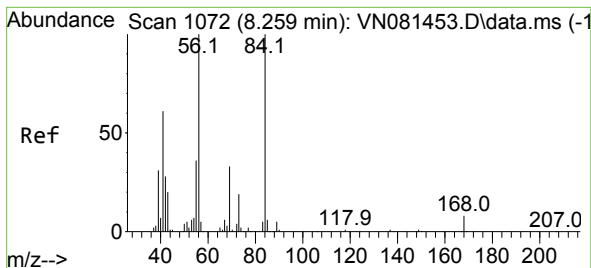
Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Tgt Ion:	83	Resp:	211232
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.0	76.6





#31

Cyclohexane

Concen: 17.398 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

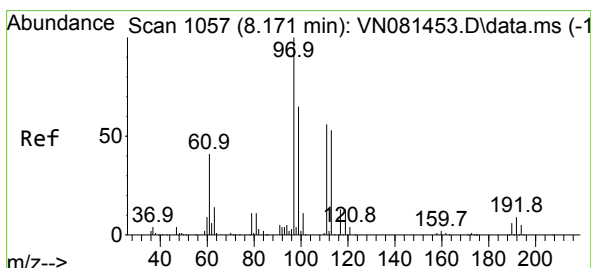
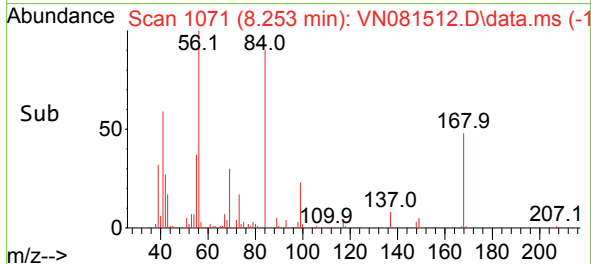
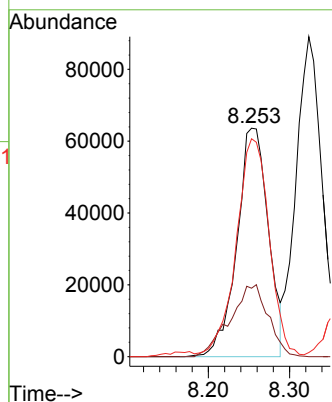
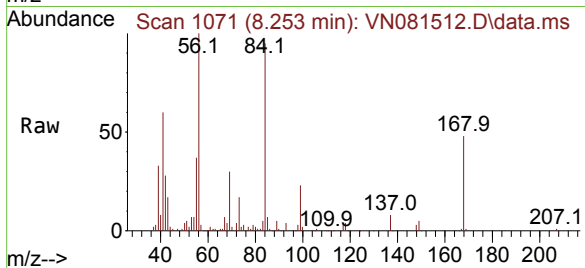
Tgt Ion: 56 Resp: 170877

Ion Ratio Lower Upper

56 100

69 29.4 20.1 30.1

84 93.5 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 17.752 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

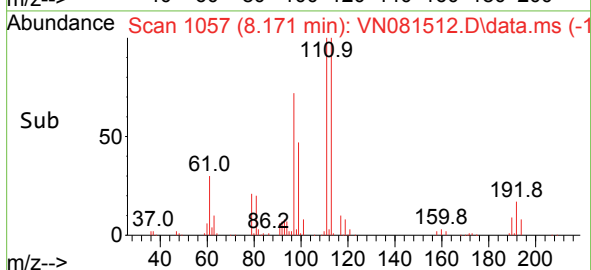
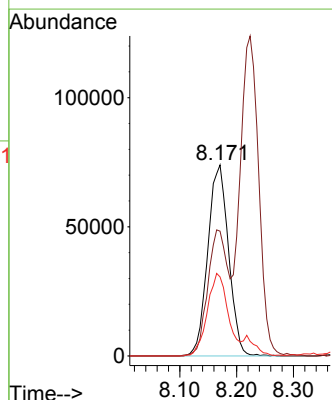
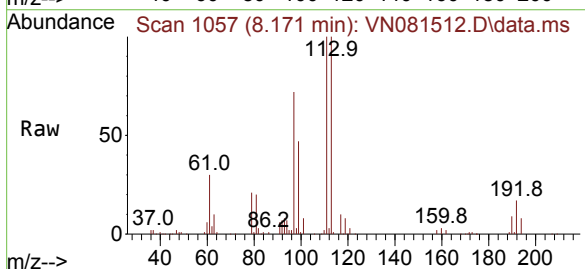
Tgt Ion: 97 Resp: 187794

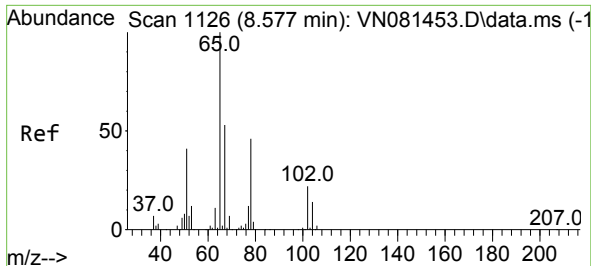
Ion Ratio Lower Upper

97 100

99 62.7 53.4 80.0

61 43.1 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 47.317 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

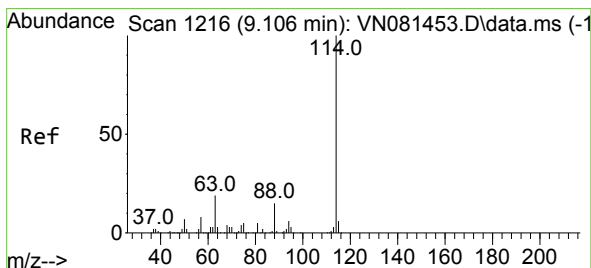
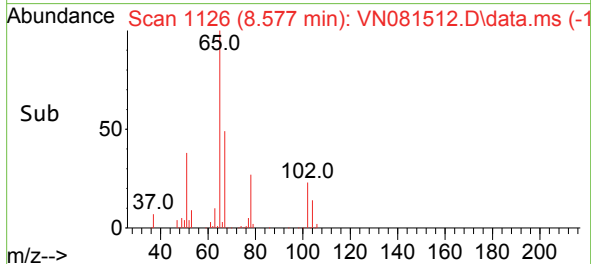
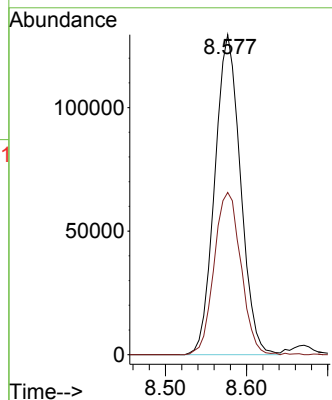
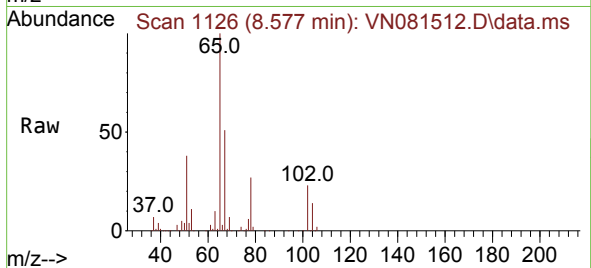
ClientSampleId :

Tgt Ion: 65 Resp: 285583

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

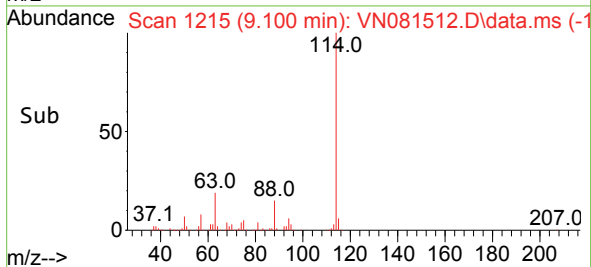
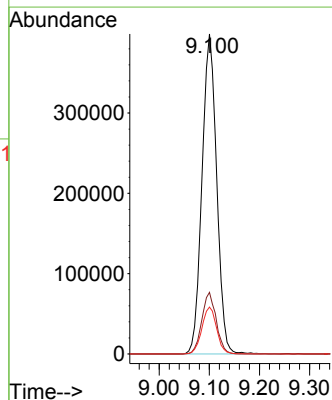
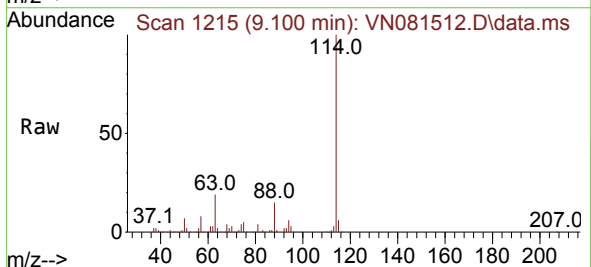
Tgt Ion: 114 Resp: 810582

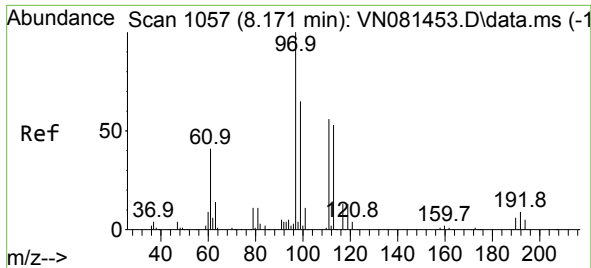
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

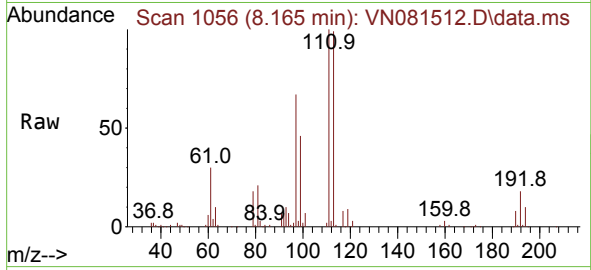
88 14.7 0.0 34.8



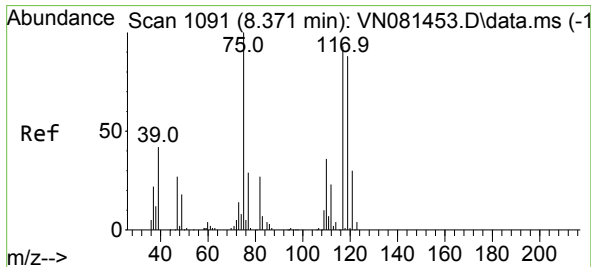
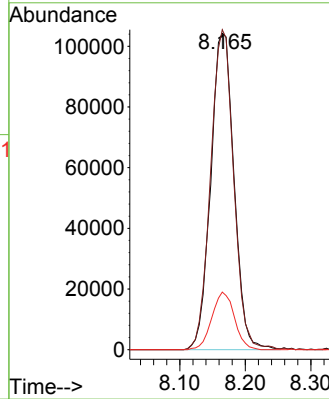
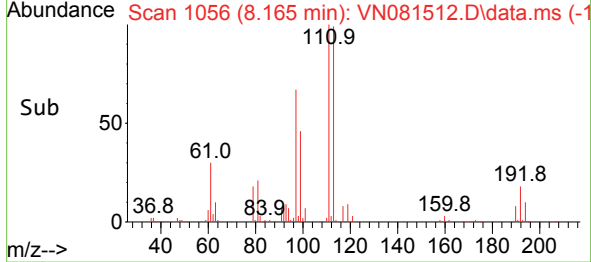


#35
Dibromofluoromethane
Concen: 50.215 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

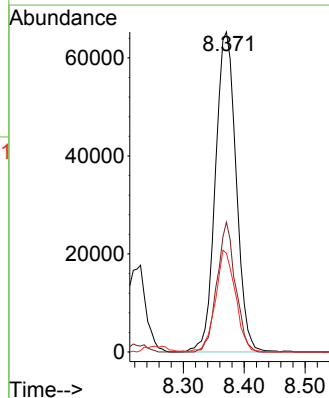
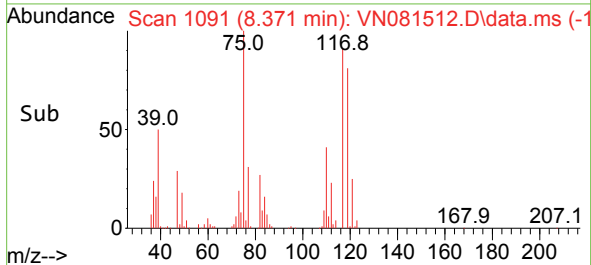
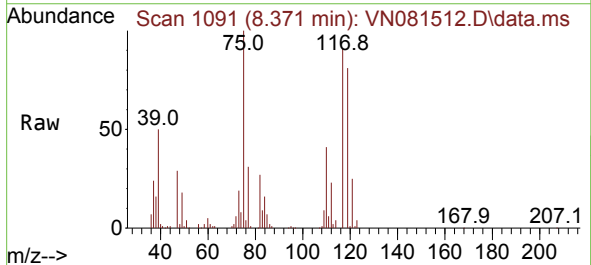


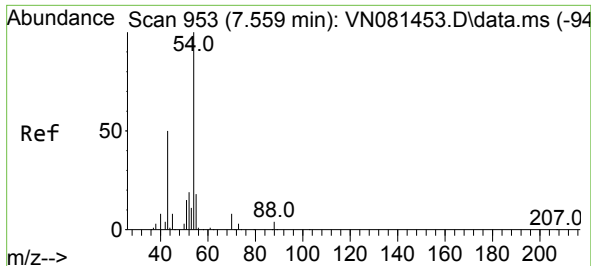
Tgt Ion:113 Resp: 256878
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 17.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 17.938 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

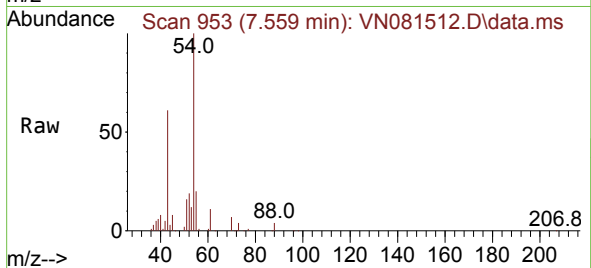
Tgt Ion: 75 Resp: 154424
Ion Ratio Lower Upper
75 100
110 36.0 16.0 48.0
77 30.7 25.8 38.6



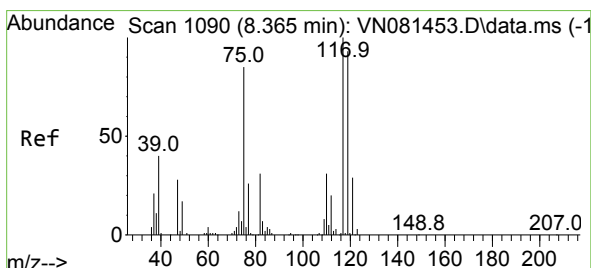
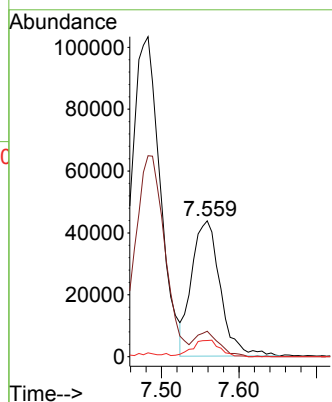
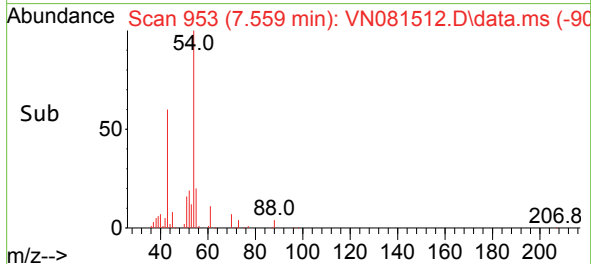


#37
Ethyl Acetate
Concen: 15.223 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

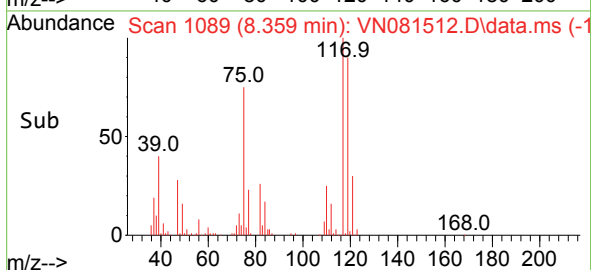
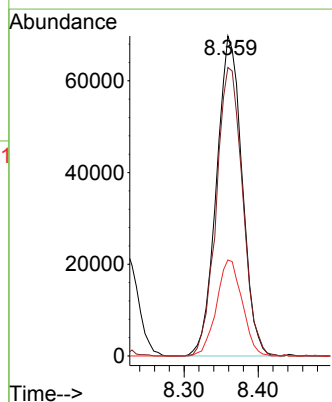
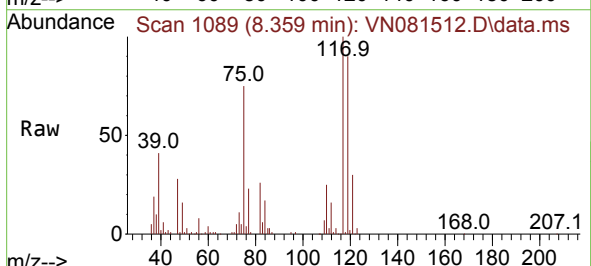


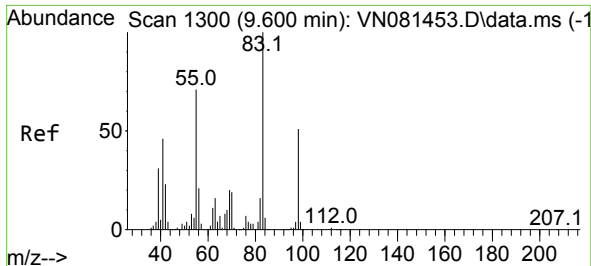
Tgt Ion: 43 Resp: 112224
Ion Ratio Lower Upper
43 100
61 15.7 10.6 15.8
70 11.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 17.796 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

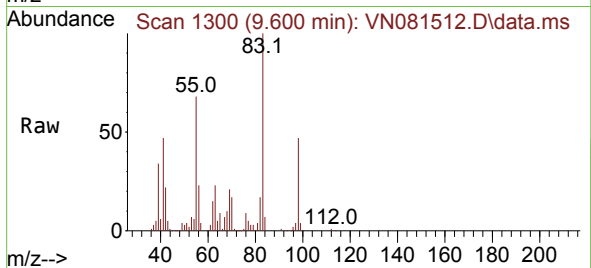
Tgt Ion: 117 Resp: 167831
Ion Ratio Lower Upper
117 100
119 90.2 73.4 110.2
121 30.0 24.4 36.6



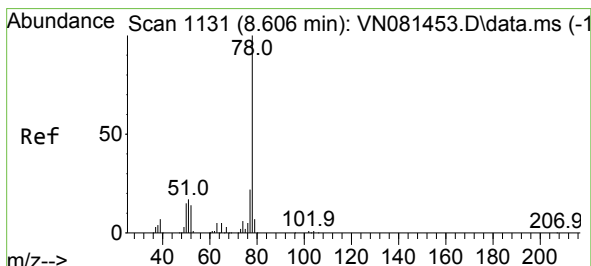
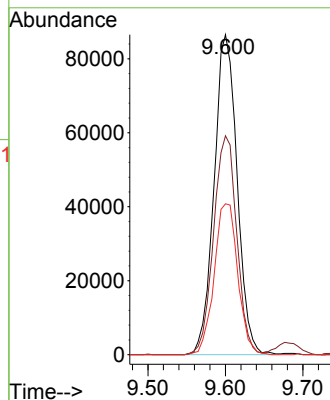
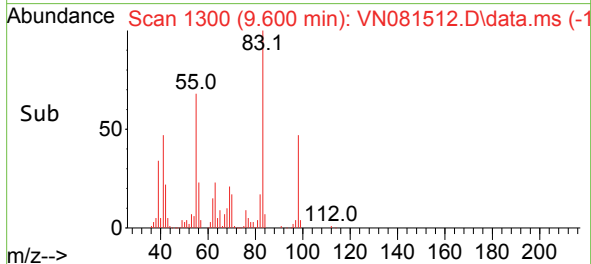


#39
Methylcyclohexane
Concen: 18.585 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

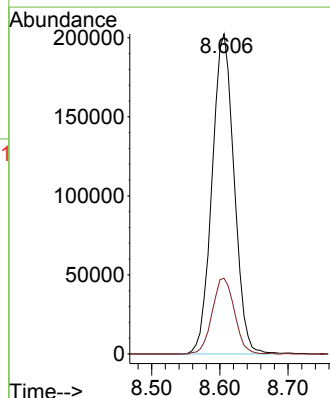
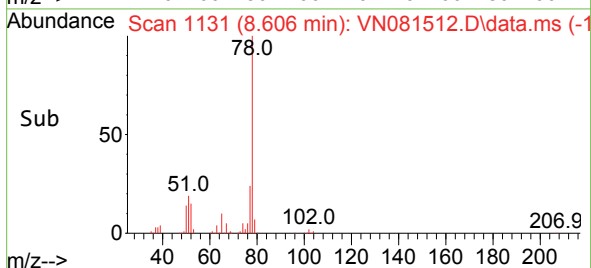
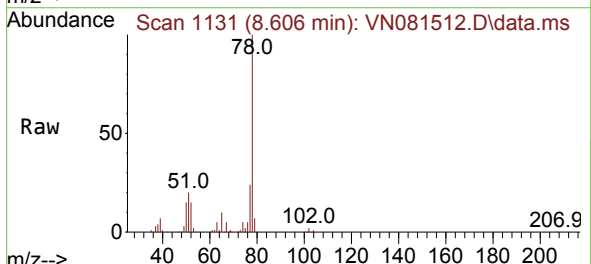


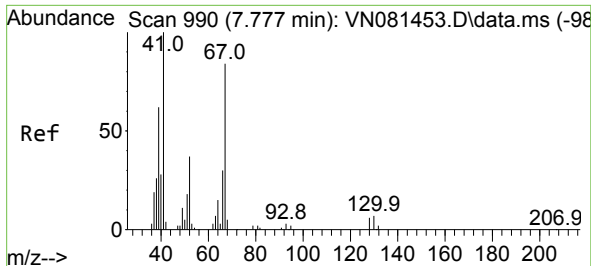
Tgt Ion: 83 Resp: 178673
Ion Ratio Lower Upper
83 100
55 68.4 65.7 98.5
98 47.2 33.8 50.6



#40
Benzene
Concen: 18.104 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

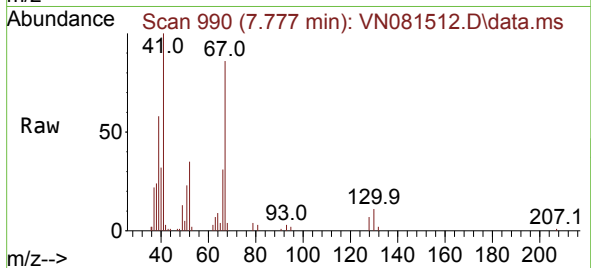
Tgt Ion: 78 Resp: 455664
Ion Ratio Lower Upper
78 100
77 23.6 20.4 30.6



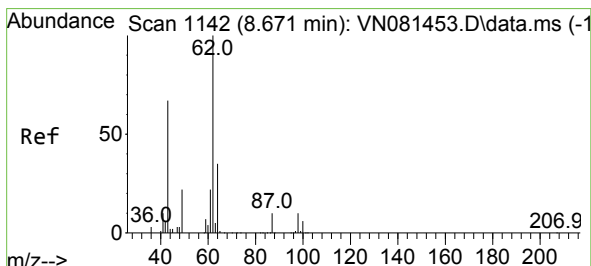
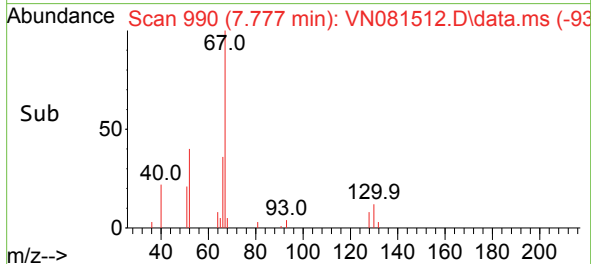
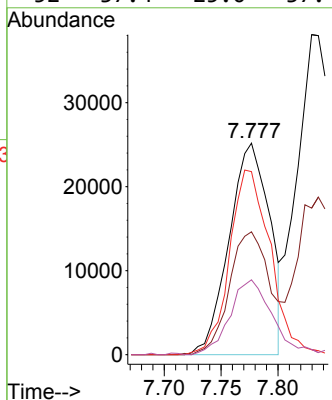


#41
Methacrylonitrile
Concen: 16.000 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

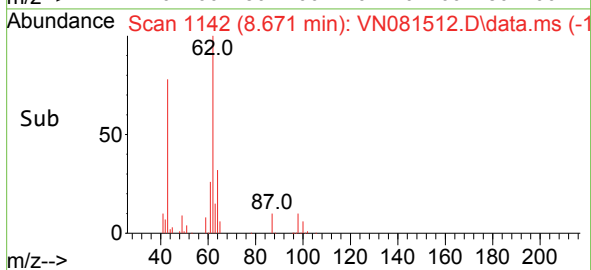
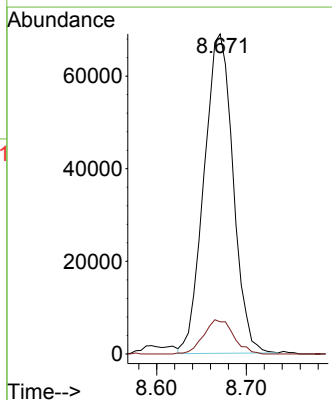
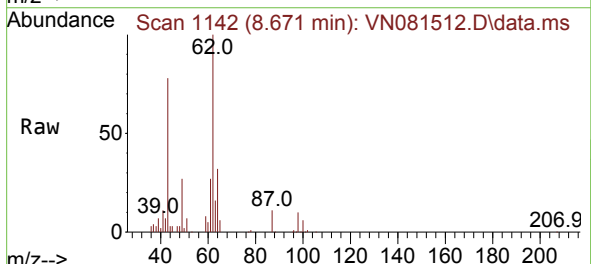


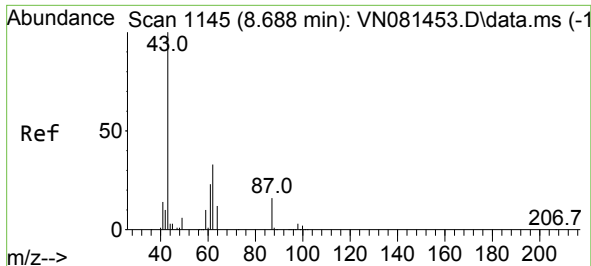
Tgt Ion:	41	Resp:	62378
Ion Ratio	Lower	Upper	
41	100		
39	60.4	48.4	72.6
67	87.8	56.8	85.2#
52	37.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 17.481 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

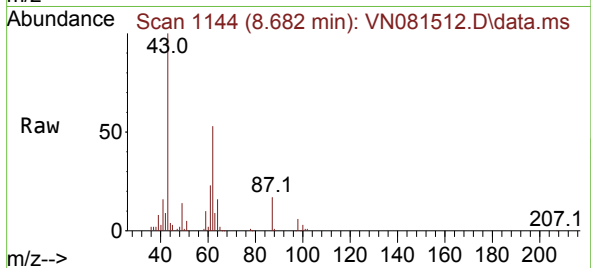
Tgt Ion:	62	Resp:	154839
Ion Ratio	Lower	Upper	
62	100		
98	11.1	0.0	18.0



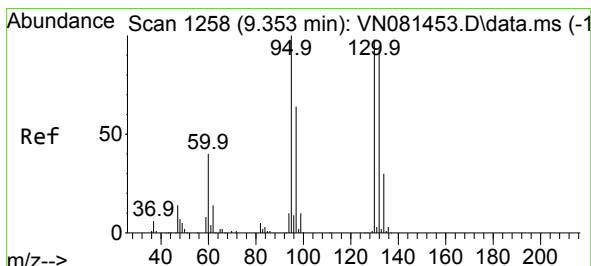
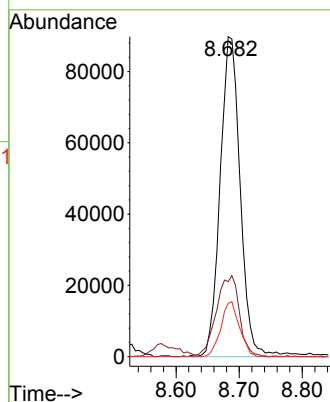
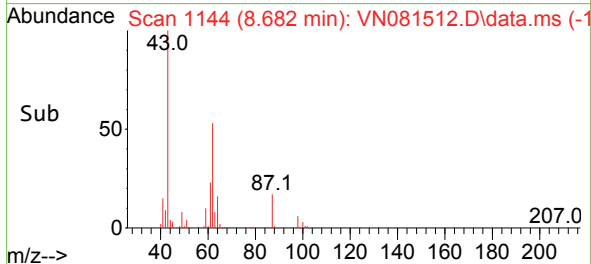


#43
Isopropyl Acetate
Concen: 16.131 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

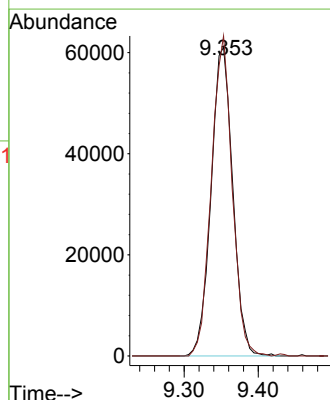
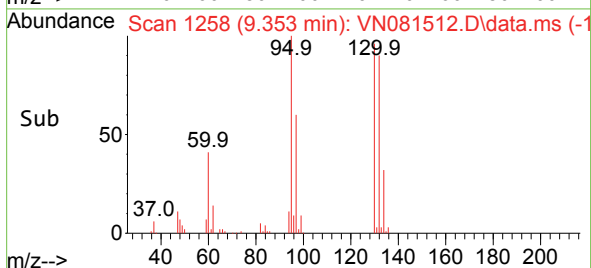
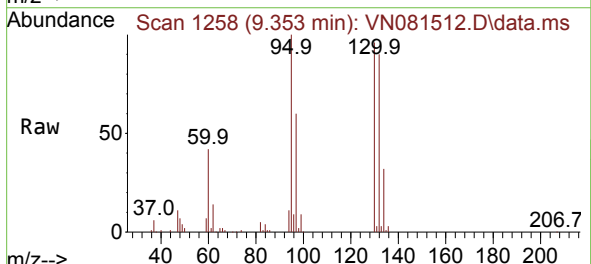


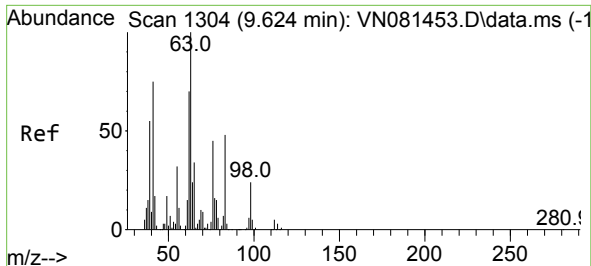
Tgt Ion: 43 Resp: 197115
Ion Ratio Lower Upper
43 100
61 29.1 19.9 29.9
87 16.1 9.0 13.6#



#44
Trichloroethene
Concen: 17.515 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion:130 Resp: 123983
Ion Ratio Lower Upper
130 100
95 103.6 0.0 210.4

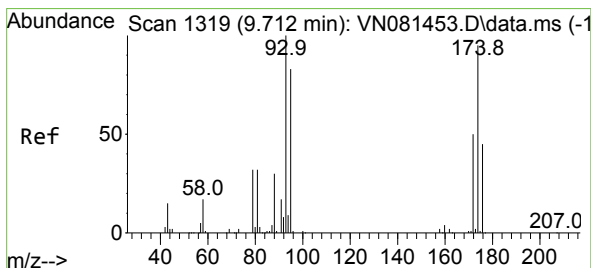
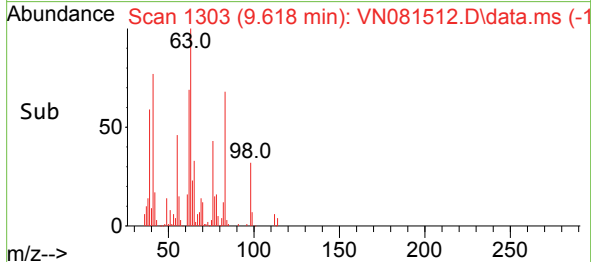
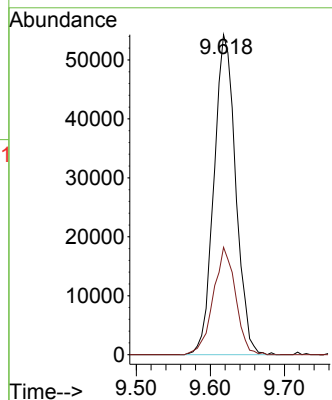
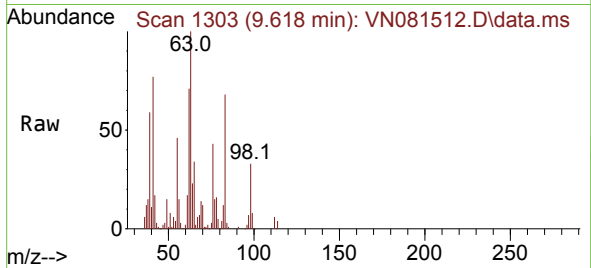




#45
1,2-Dichloropropane
Concen: 18.170 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

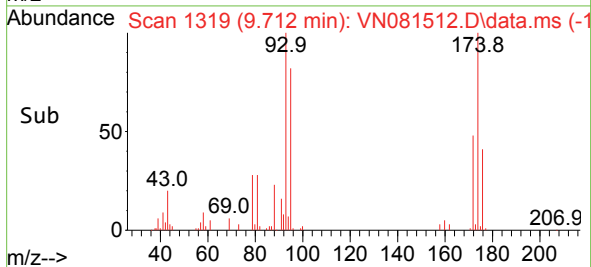
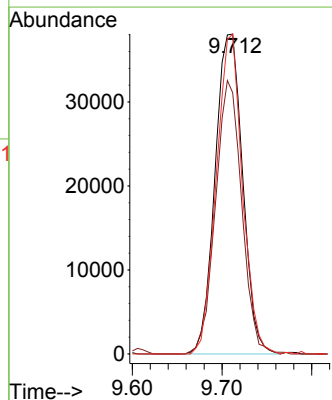
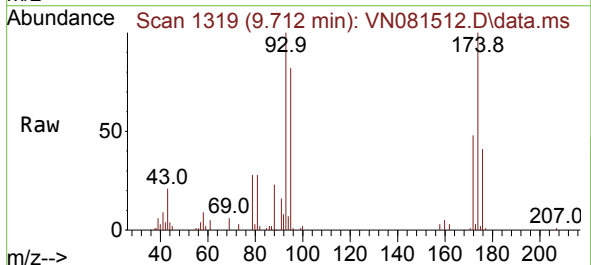
Instrument :
MSVOA_N
ClientSampleId :

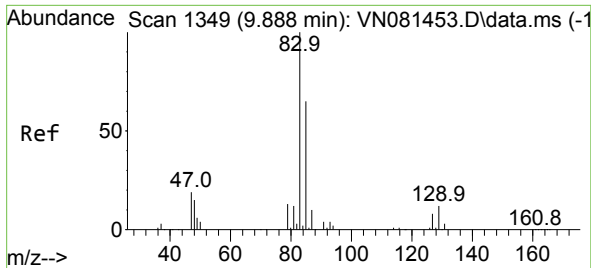
Tgt Ion: 63 Resp: 110832
Ion Ratio Lower Upper
63 100
65 33.6 26.1 39.1



#46
Dibromomethane
Concen: 17.532 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 93 Resp: 81212
Ion Ratio Lower Upper
93 100
95 81.6 68.1 102.1
174 94.6 57.2 85.8#

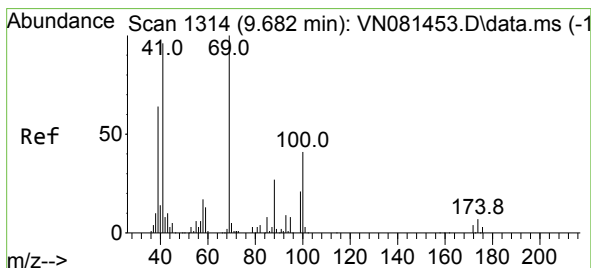
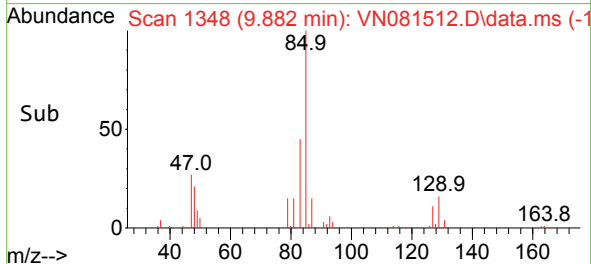
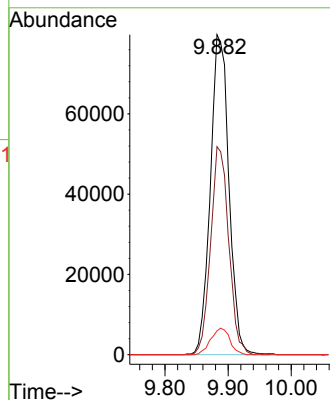
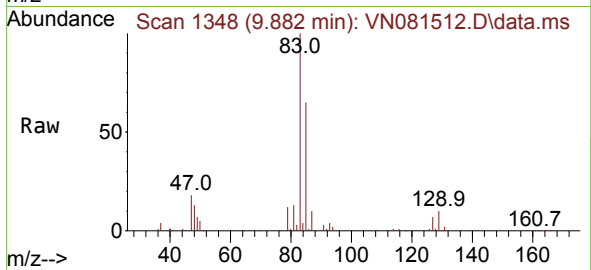




#47
Bromodichloromethane
Concen: 17.960 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

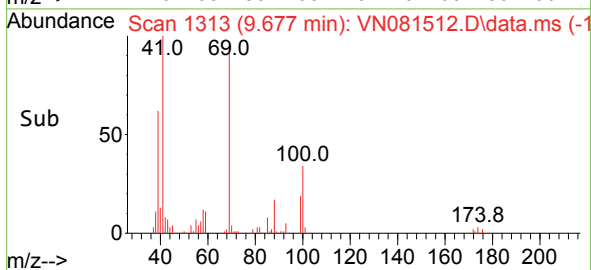
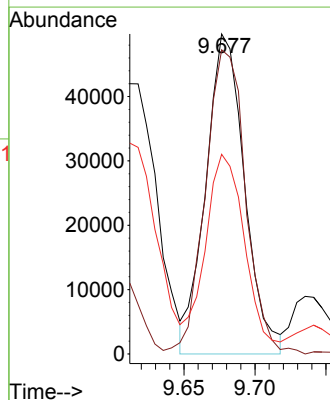
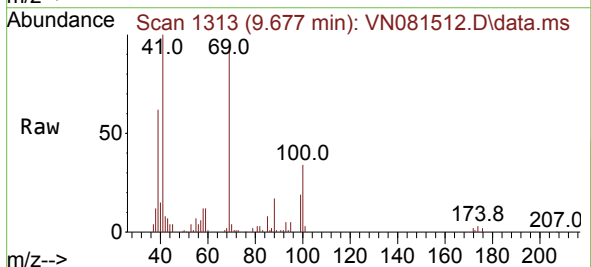
Instrument :
MSVOA_N
ClientSampleId :

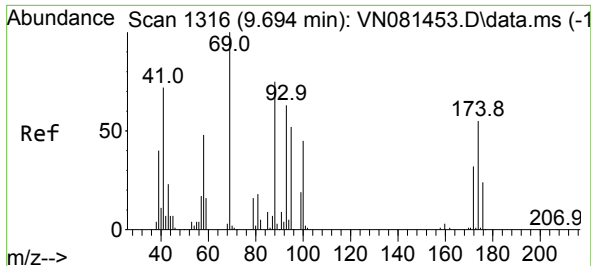
Tgt Ion: 83 Resp: 162659
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5
127 7.5 4.6 7.0#



#48
Methyl methacrylate
Concen: 16.730 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 41 Resp: 94293
Ion Ratio Lower Upper
41 100
69 98.6 62.2 93.2#
39 63.5 47.6 71.4





#49

1,4-Dioxane

Concen: 308.211 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

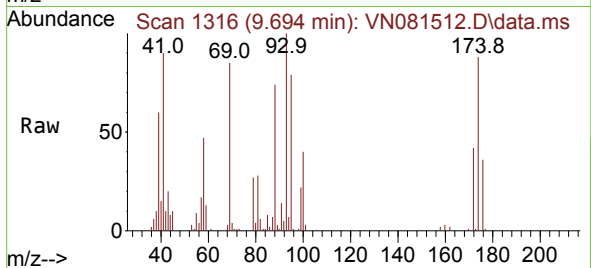
Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :



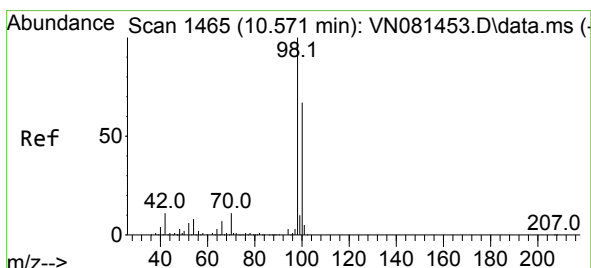
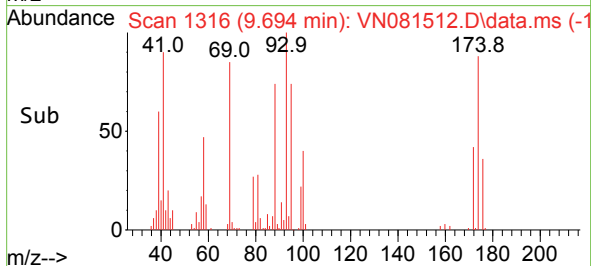
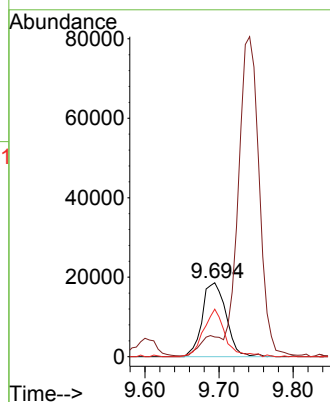
Tgt Ion: 88 Resp: 41746

Ion Ratio Lower Upper

88 100

43 23.6 30.1 45.1#

58 58.3 63.9 95.9#



#50

Toluene-d8

Concen: 49.405 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081512.D

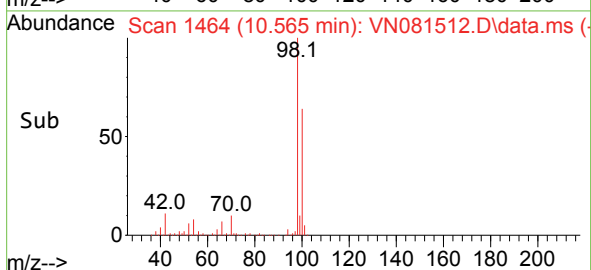
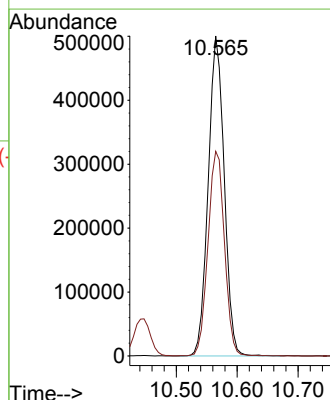
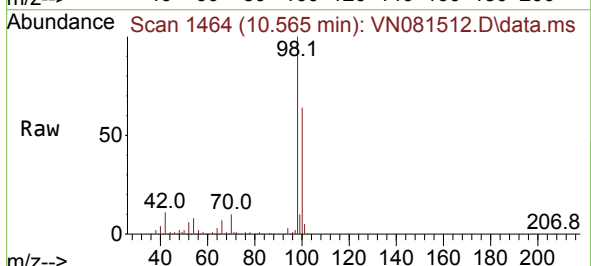
Acq: 21 Mar 2024 12:05

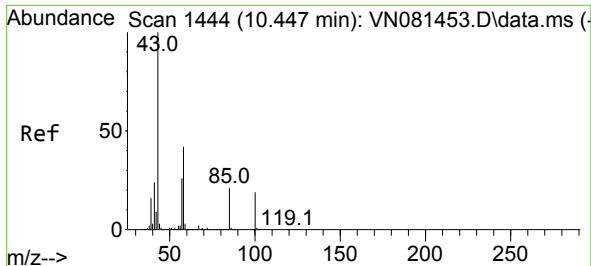
Tgt Ion: 98 Resp: 913618

Ion Ratio Lower Upper

98 100

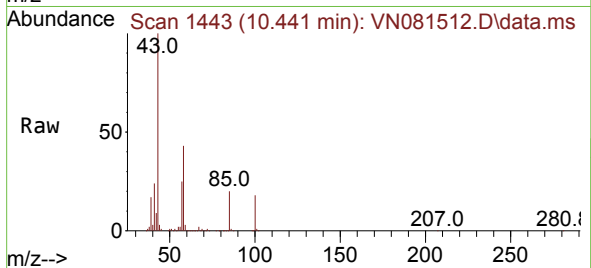
100 65.7 51.4 77.0



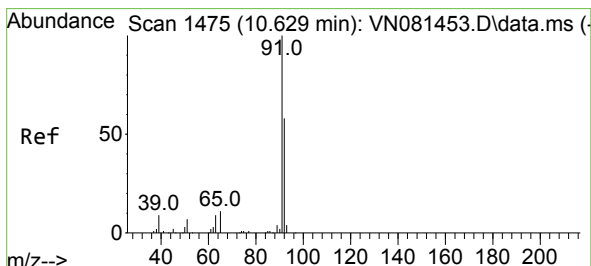
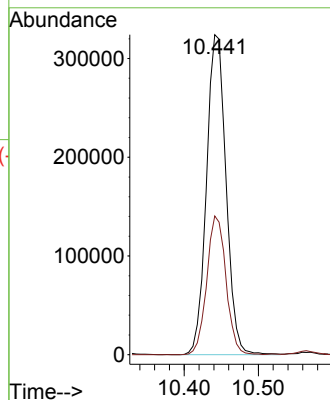
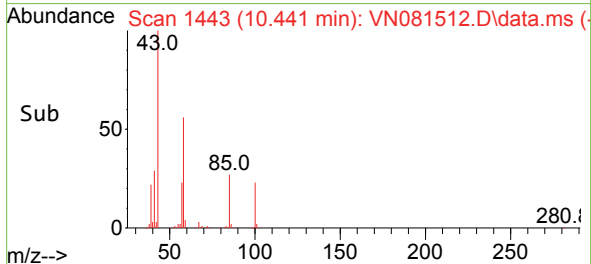


#51
4-Methyl-2-Pentanone
Concen: 79.903 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :

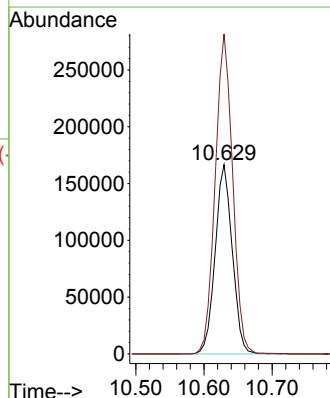
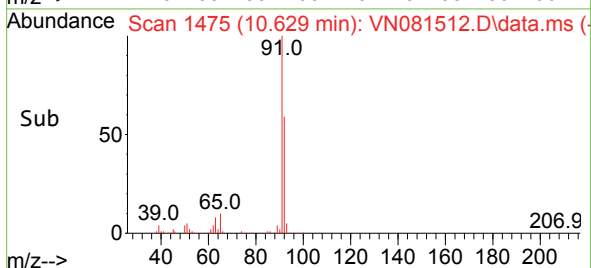
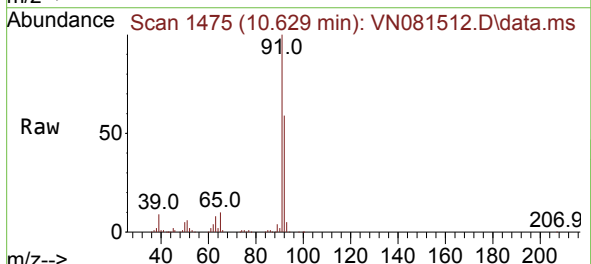


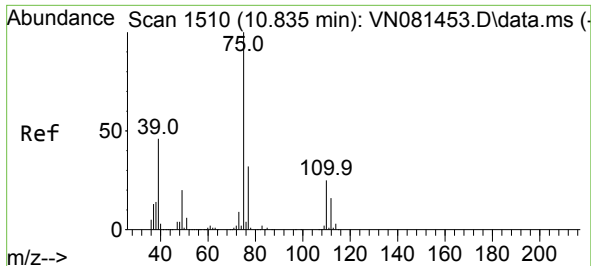
Tgt Ion: 43 Resp: 595786
Ion Ratio Lower Upper
43 100
58 42.6 29.4 44.0



#52
Toluene
Concen: 18.183 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 92 Resp: 290869
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0

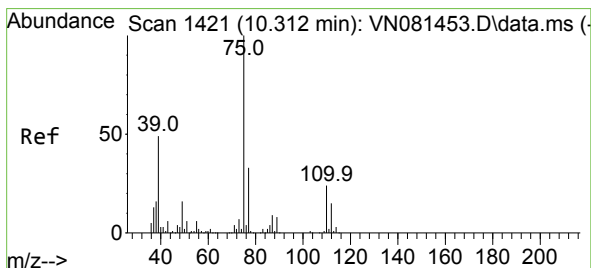
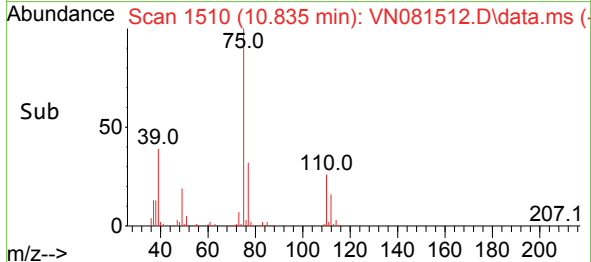
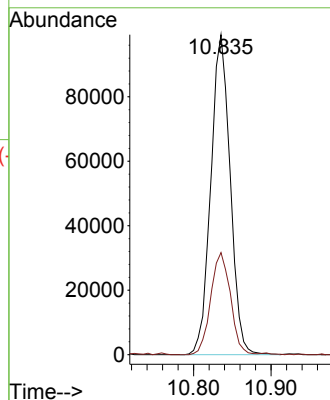
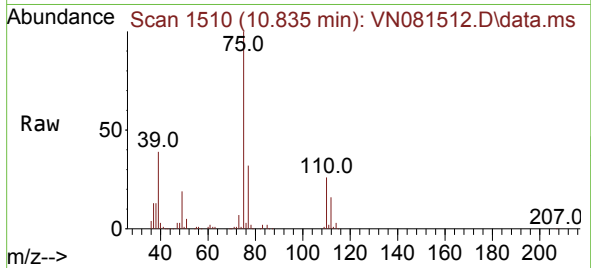




#53
 t-1,3-Dichloropropene
 Concen: 17.632 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

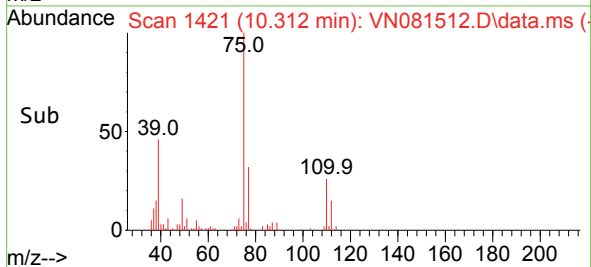
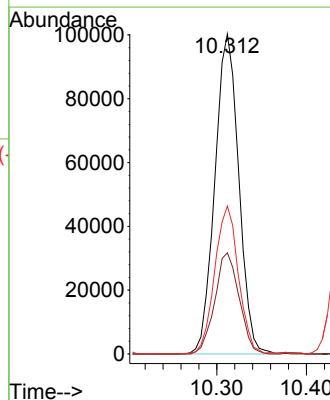
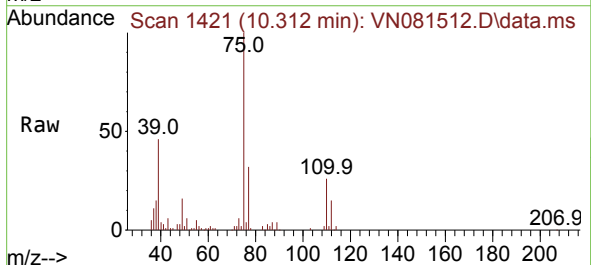
Instrument :
 MSVOA_N
 ClientSampleId :

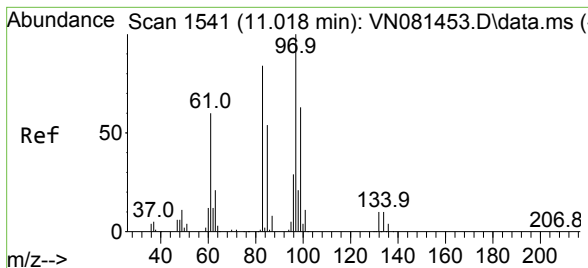
Tgt Ion: 75 Resp: 172432
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 17.675 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

Tgt Ion: 75 Resp: 185332
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.3 34.9
 39 46.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 17.543 ug/l

RT: 11.012 min Scan# 11

Delta R.T. -0.006 min

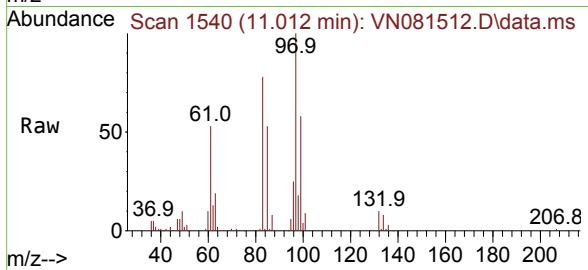
Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 112940

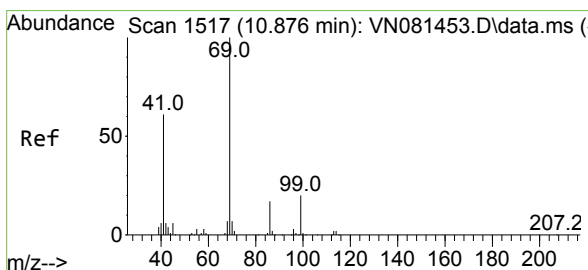
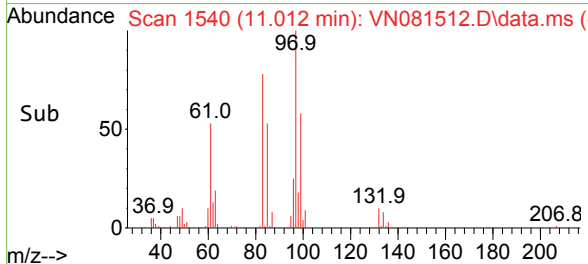
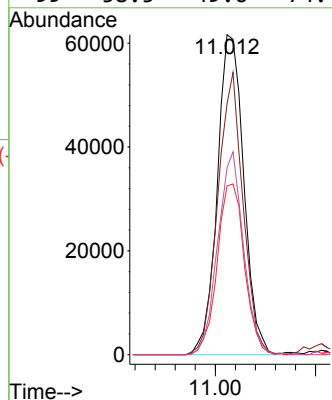
Ion Ratio Lower Upper

97 100

83 78.4 72.9 109.3

85 52.8 50.2 75.2

99 58.5 49.6 74.4



#56

Ethyl methacrylate

Concen: 17.660 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.005 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

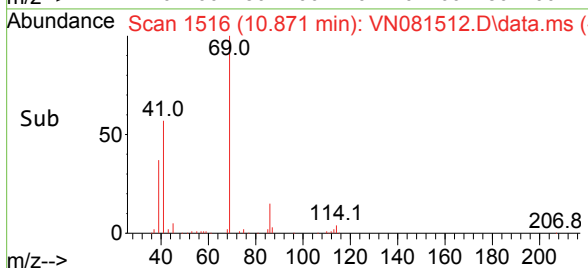
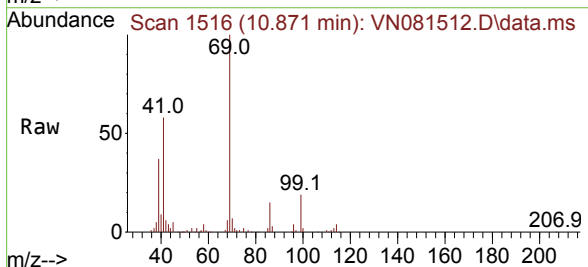
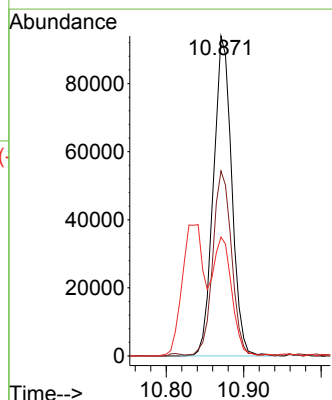
Tgt Ion: 69 Resp: 154765

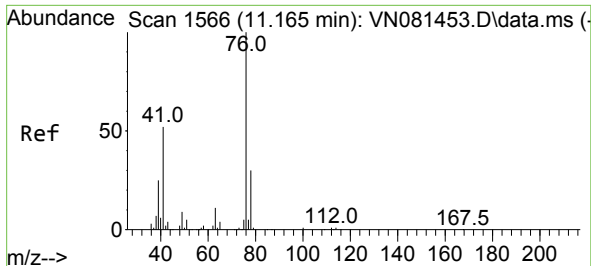
Ion Ratio Lower Upper

69 100

41 59.6 61.0 91.6#

39 37.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 18.159 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

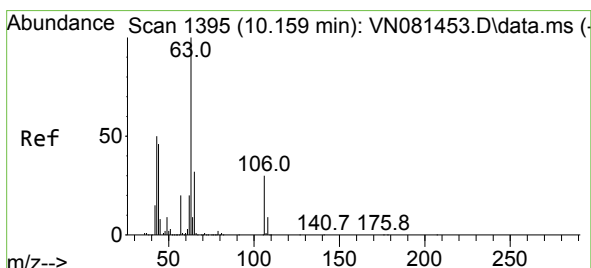
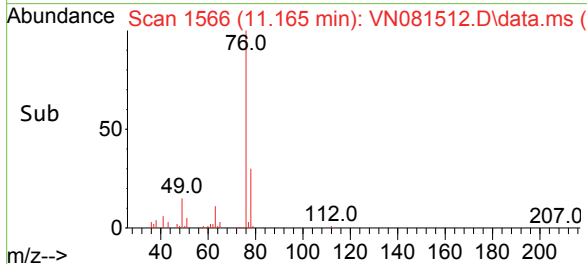
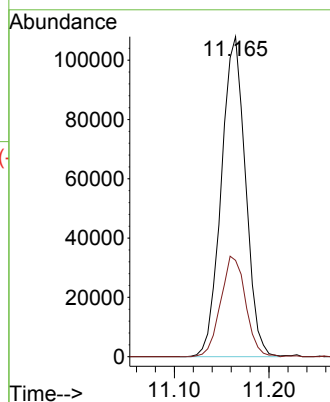
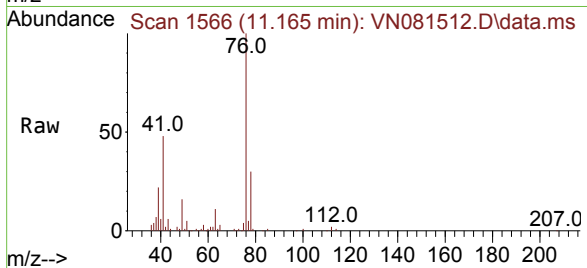
ClientSampleId :

Tgt Ion: 76 Resp: 191651

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 96.482 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081512.D

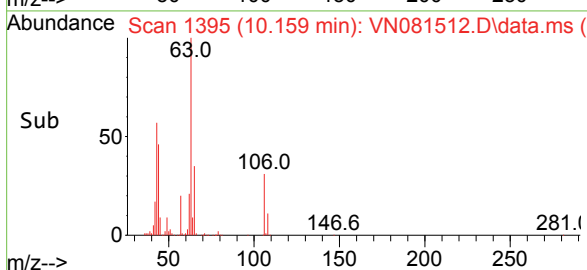
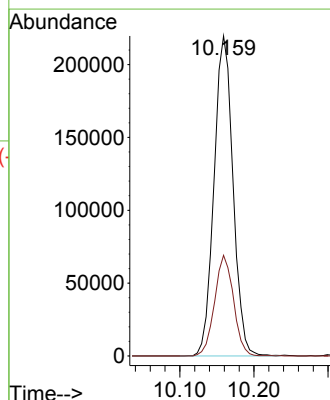
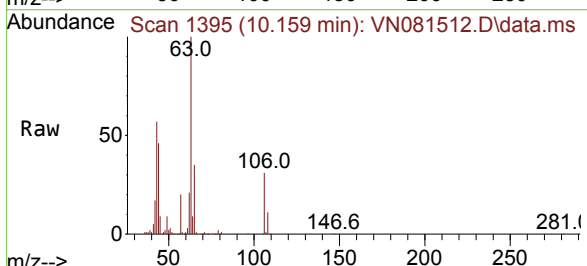
Acq: 21 Mar 2024 12:05

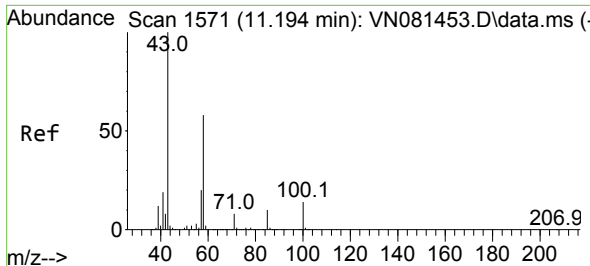
Tgt Ion: 63 Resp: 390840

Ion Ratio Lower Upper

63 100

106 31.3 18.6 28.0#

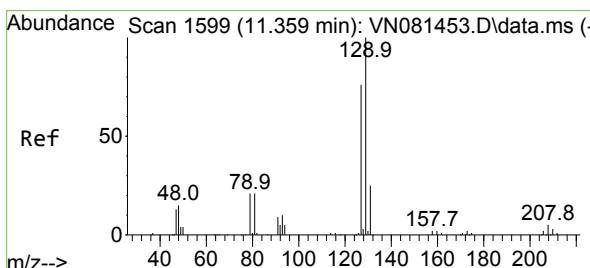
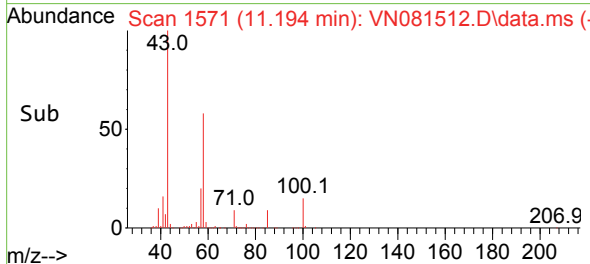
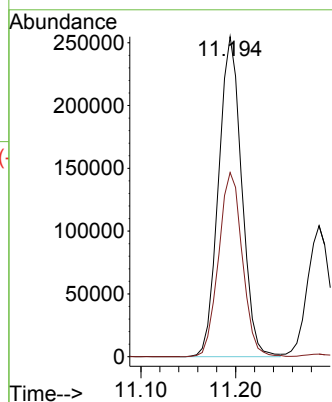
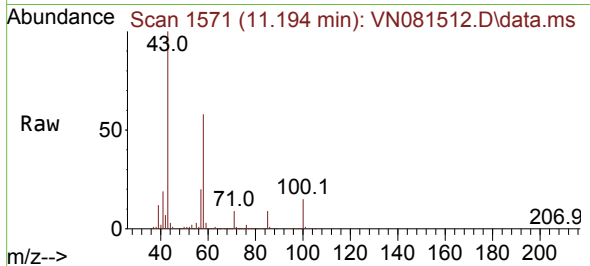




#59
2-Hexanone
Concen: 78.511 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

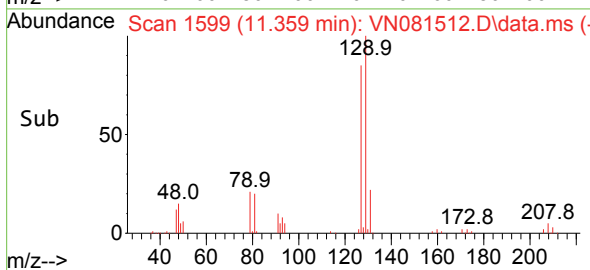
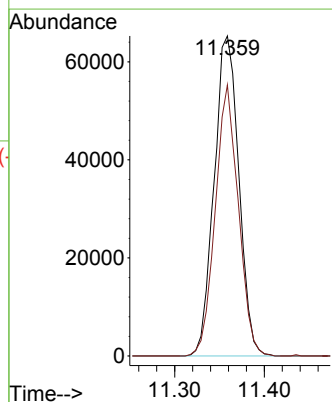
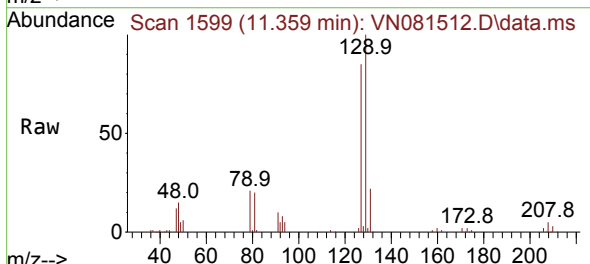
Instrument :
MSVOA_N
ClientSampleId :

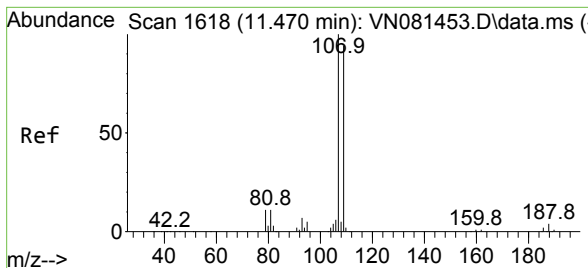
Tgt Ion: 43 Resp: 432813
Ion Ratio Lower Upper
43 100
58 59.1 25.9 77.8



#60
Dibromochloromethane
Concen: 17.602 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 129 Resp: 124623
Ion Ratio Lower Upper
129 100
127 79.3 39.4 118.2

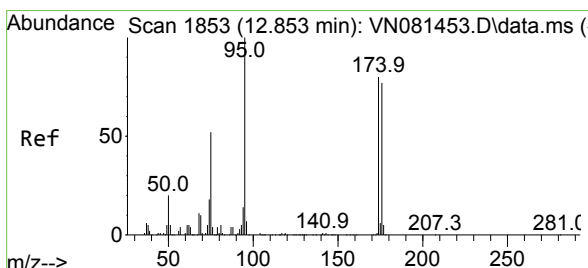
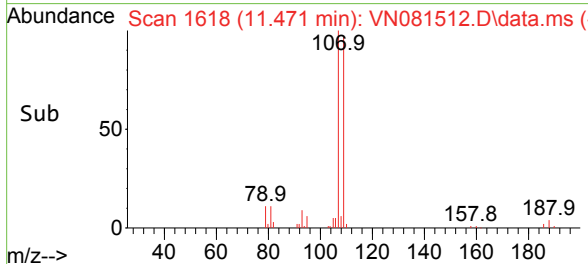
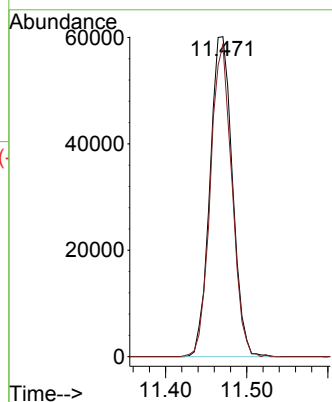
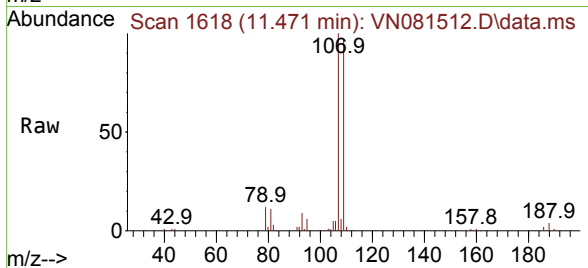




#61
1,2-Dibromoethane
Concen: 17.657 ug/l
RT: 11.471 min Scan# 115896
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

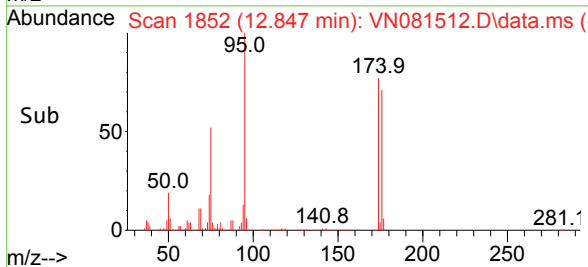
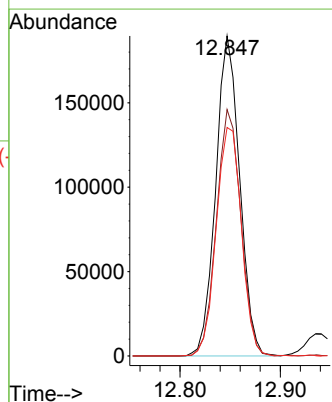
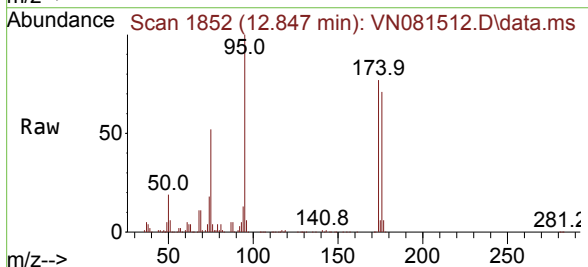
Instrument :
MSVOA_N
ClientSampleId :

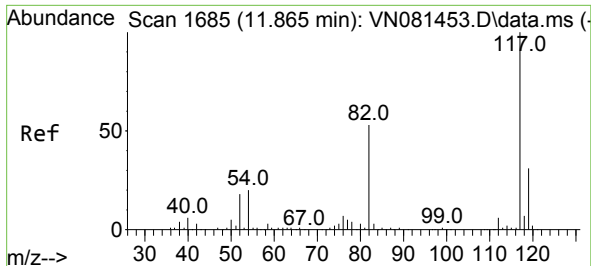
Tgt Ion:107 Resp: 115896
Ion Ratio Lower Upper
107 100
109 92.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 48.227 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 95 Resp: 314248
Ion Ratio Lower Upper
95 100
174 78.6 0.0 120.4
176 75.2 0.0 121.0

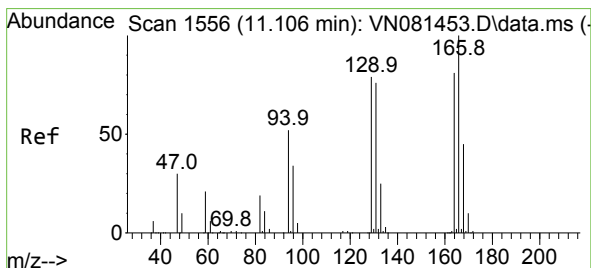
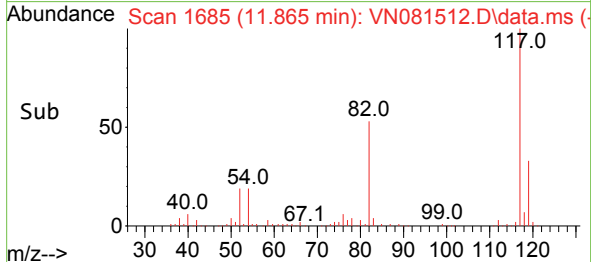
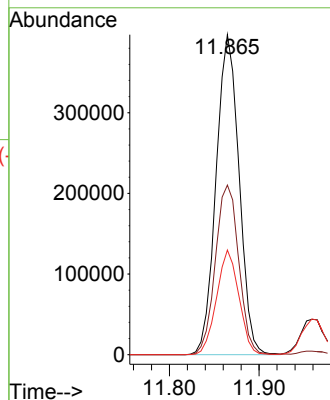
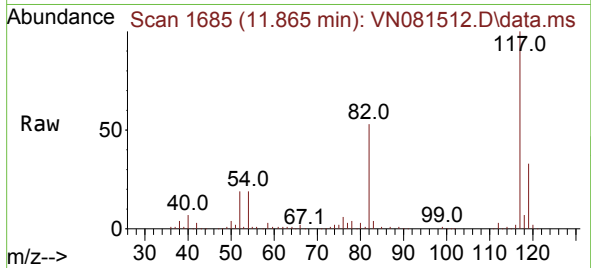




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

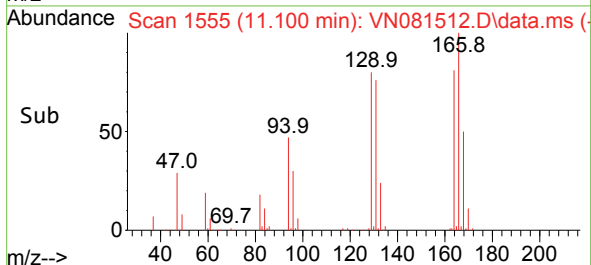
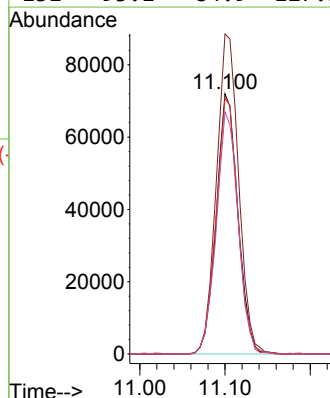
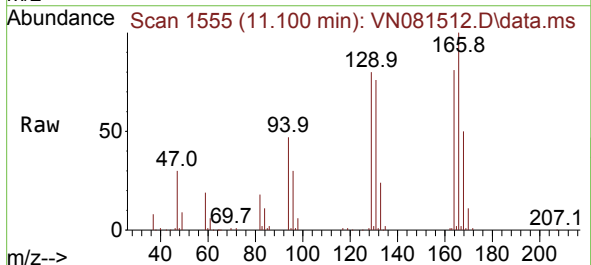
Instrument :
MSVOA_N
ClientSampleId :

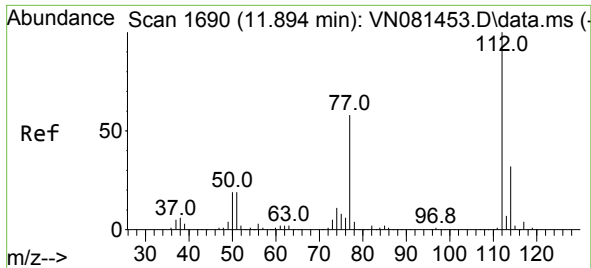
Tgt Ion:117 Resp: 705737
Ion Ratio Lower Upper
117 100
82 53.0 52.7 79.1
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 18.890 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion:164 Resp: 127429
Ion Ratio Lower Upper
164 100
166 123.0 105.8 158.6
129 98.3 89.6 134.4
131 93.1 84.9 127.3

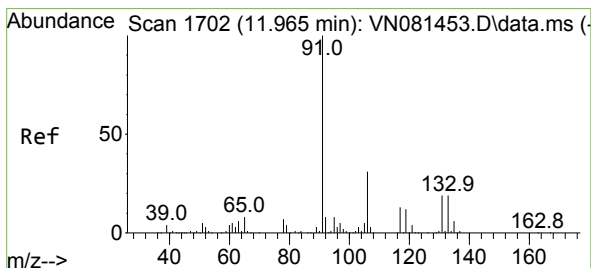
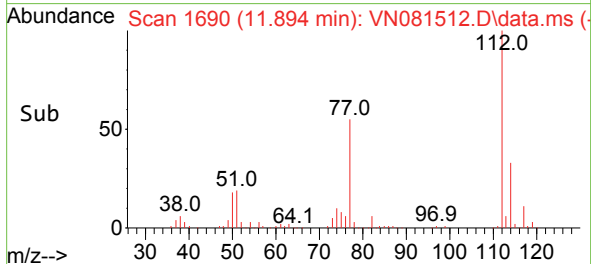
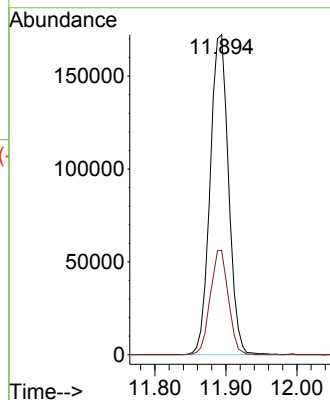
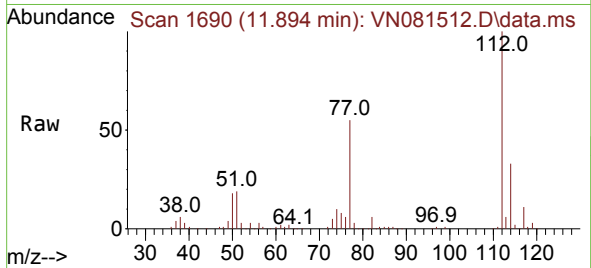




#65
Chlorobenzene
Concen: 18.635 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

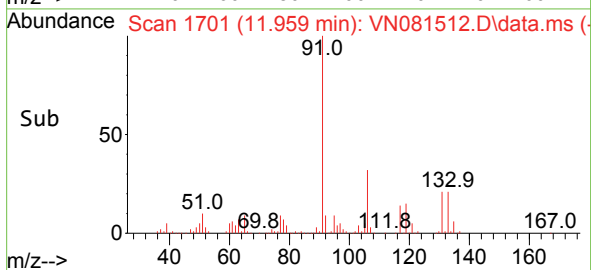
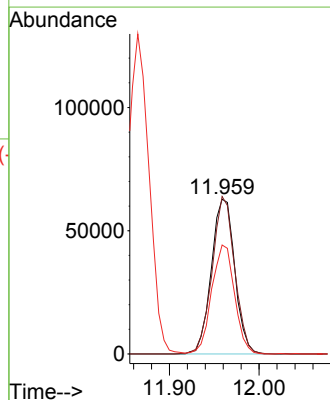
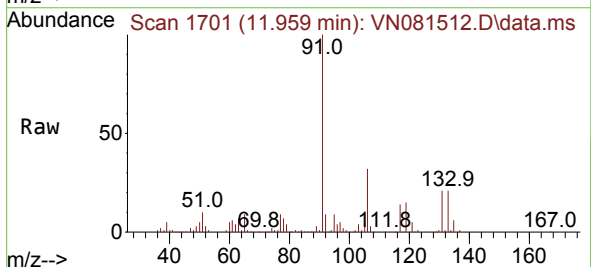
Instrument :
MSVOA_N
ClientSampleId :

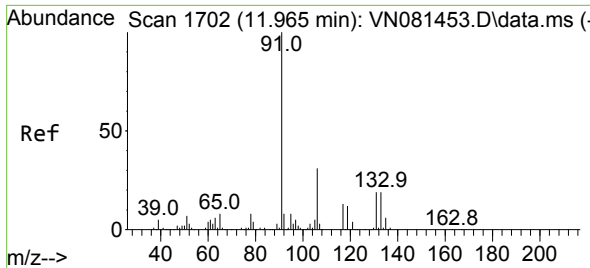
Tgt Ion:112 Resp: 310905
Ion Ratio Lower Upper
112 100
114 32.6 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.381 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion:131 Resp: 113657
Ion Ratio Lower Upper
131 100
133 98.5 46.8 140.3
119 68.8 34.6 103.9

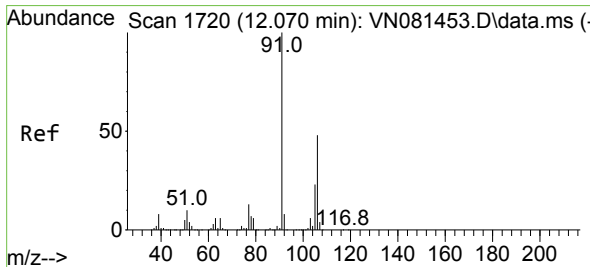
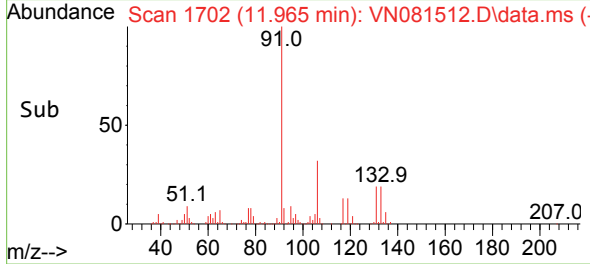
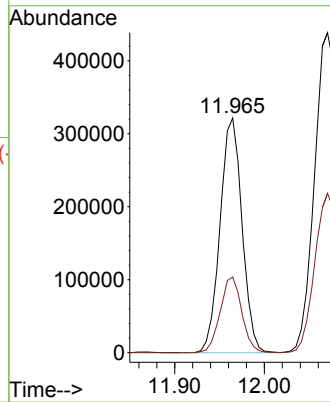
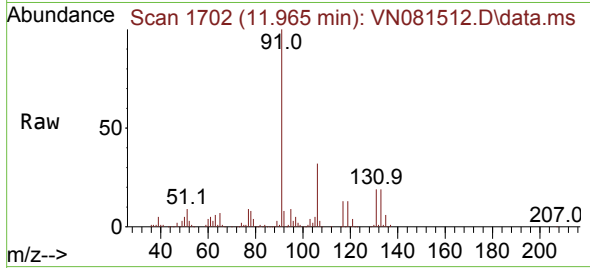




#67
Ethyl Benzene
Concen: 18.863 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

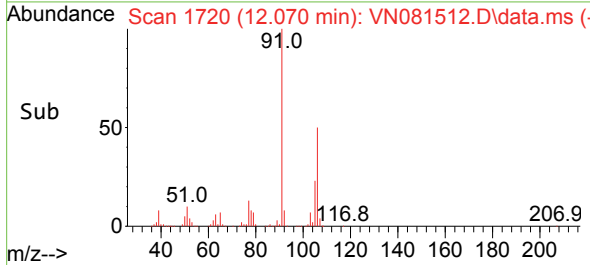
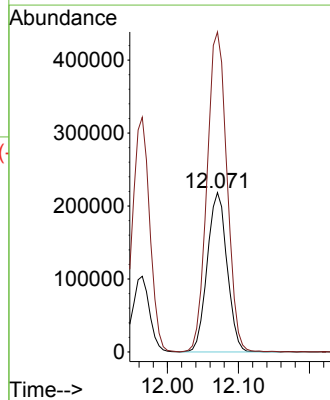
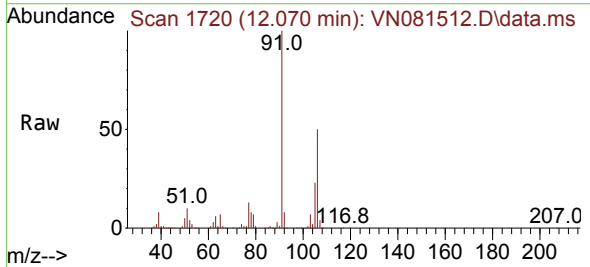
Instrument :
MSVOA_N
ClientSampleId :

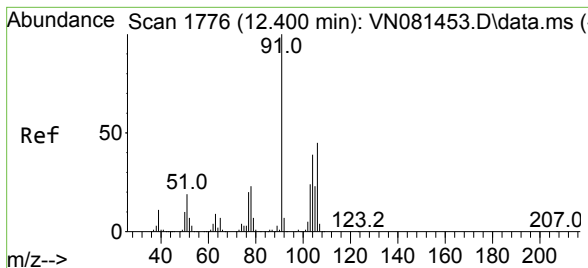
Tgt Ion: 91 Resp: 546669
Ion Ratio Lower Upper
91 100
106 32.3 23.8 35.6



#68
m/p-Xylenes
Concen: 38.959 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion:106 Resp: 423269
Ion Ratio Lower Upper
106 100
91 202.0 169.0 253.6

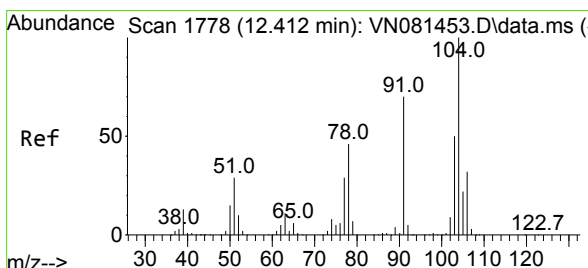
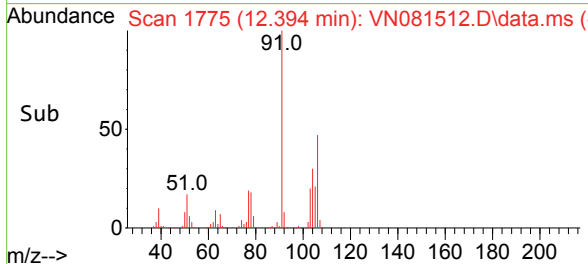
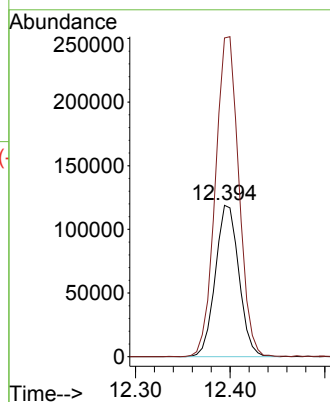
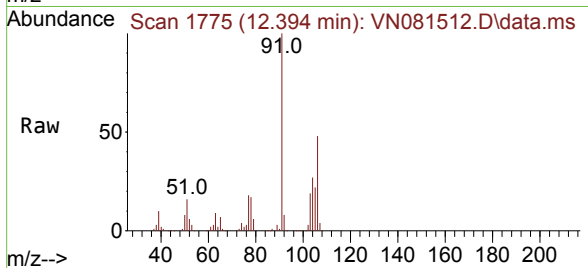




#69
o-Xylene
Concen: 19.229 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

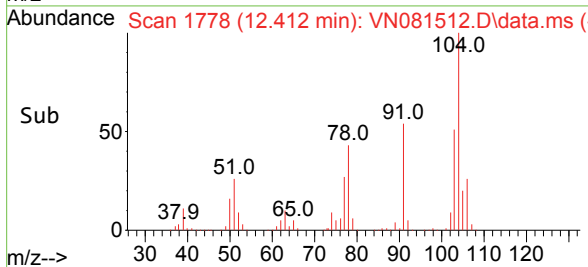
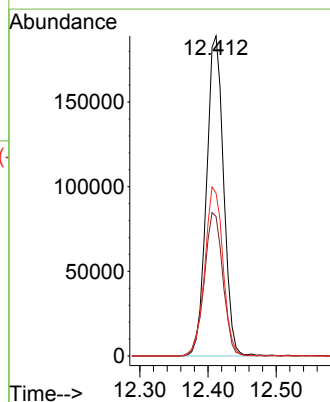
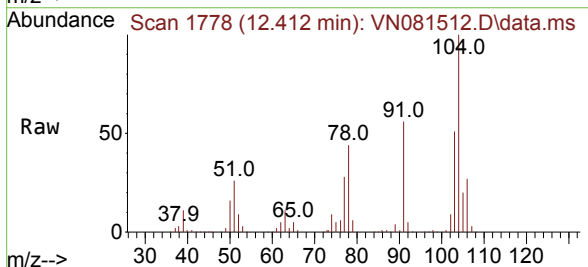
Instrument :
MSVOA_N
ClientSampleId :

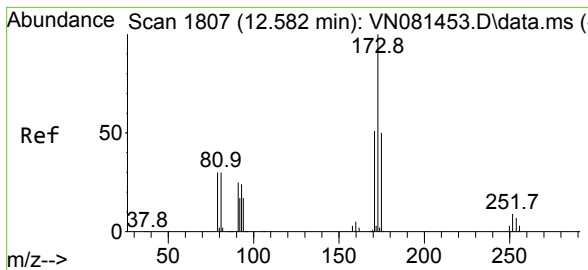
Tgt Ion:106 Resp: 205093
Ion Ratio Lower Upper
106 100
91 211.6 112.1 336.3



#70
Styrene
Concen: 19.189 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion:104 Resp: 330095
Ion Ratio Lower Upper
104 100
78 48.8 43.8 65.8
103 56.1 44.2 66.2

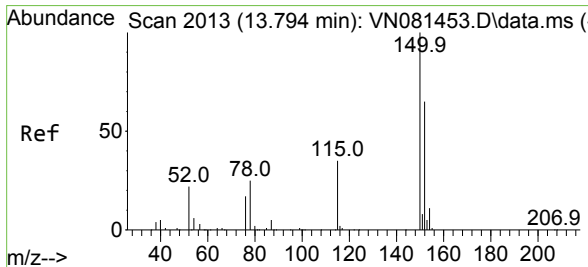
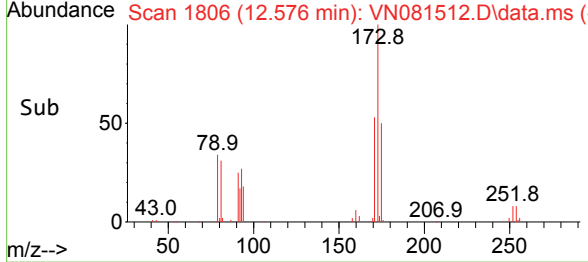
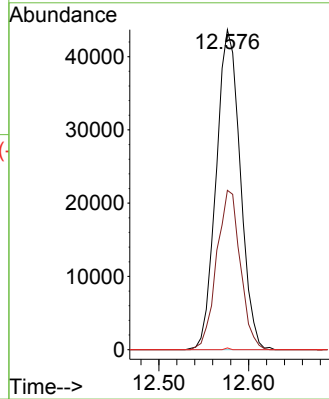
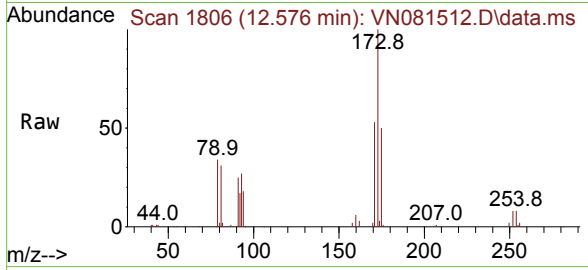




#71
Bromoform
Concen: 17.509 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

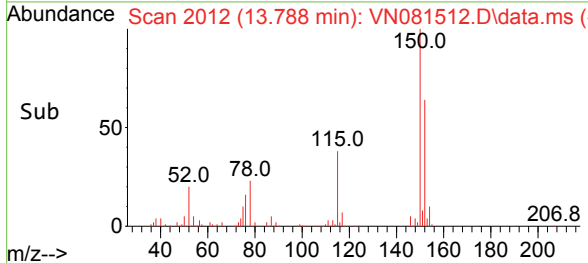
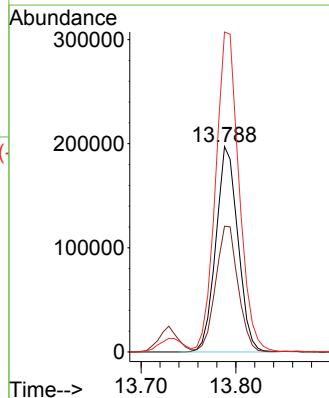
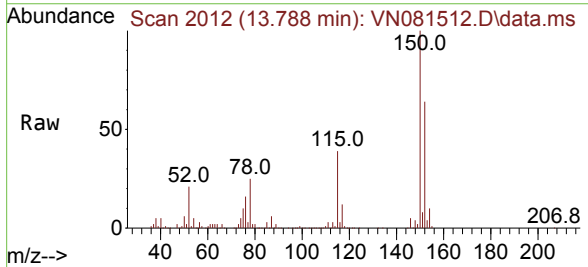
Instrument :
MSVOA_N
ClientSampleId :

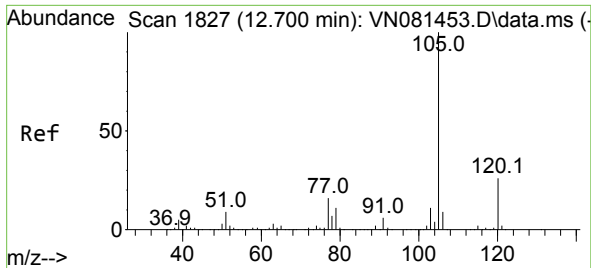
Tgt Ion:173 Resp: 81355
Ion Ratio Lower Upper
173 100
175 49.0 23.1 69.2
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion:152 Resp: 319592
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 165.4 0.0 339.8

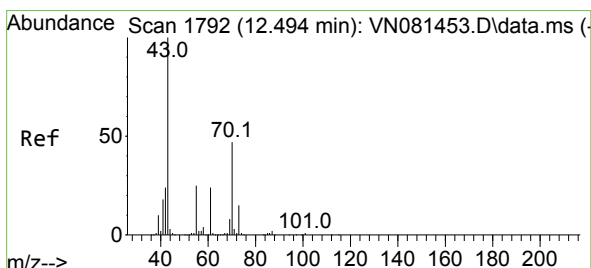
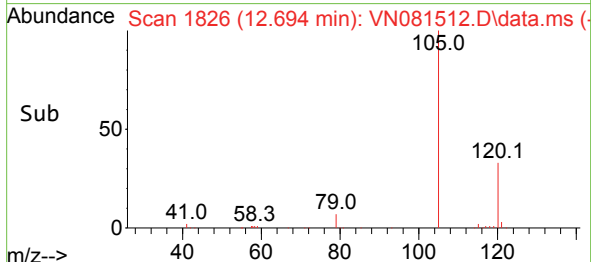
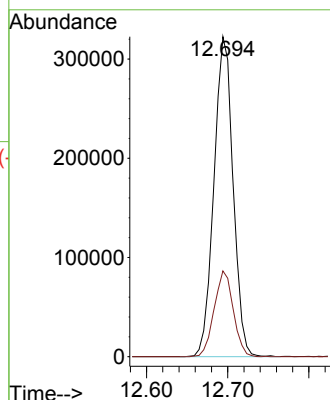
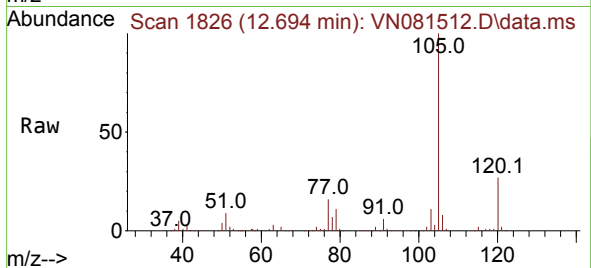




#73
Isopropylbenzene
Concen: 19.396 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

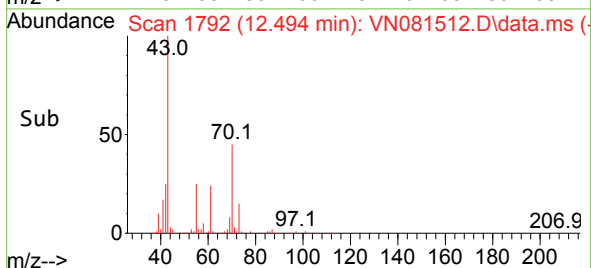
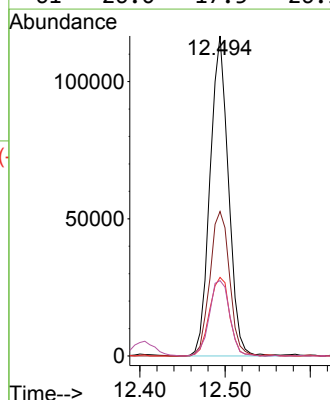
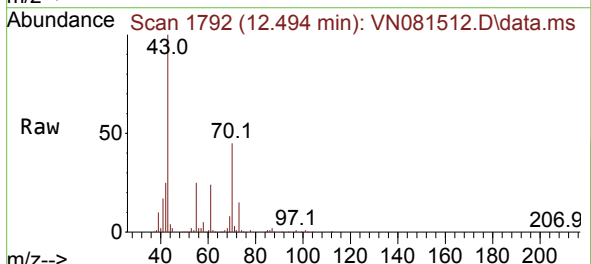
Instrument :
MSVOA_N
ClientSampleId :

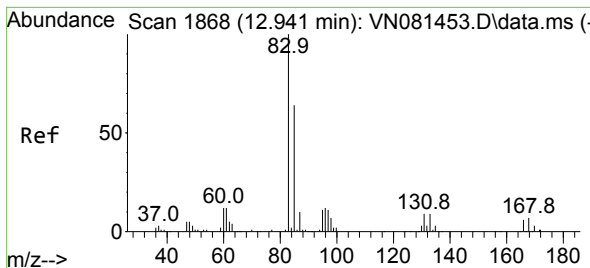
Tgt Ion:105 Resp: 528405
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6



#74
N-ethyl acetate
Concen: 17.735 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 43 Resp: 174841
Ion Ratio Lower Upper
43 100
70 48.2 30.1 45.1#
55 26.9 17.0 25.4#
61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 16.991 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

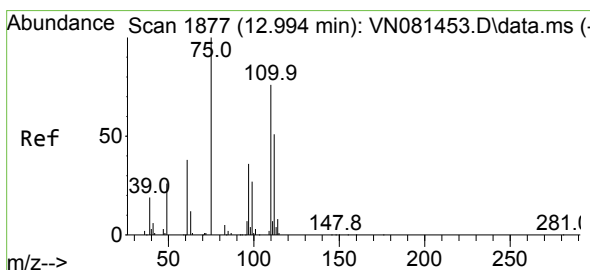
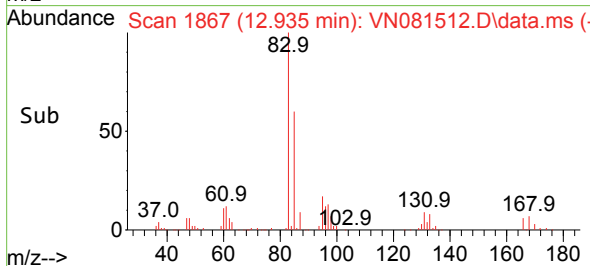
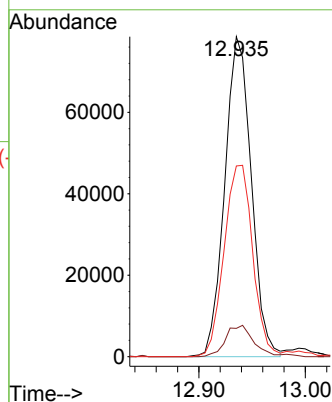
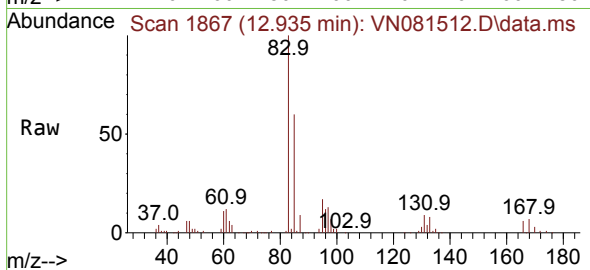
Tgt Ion: 83 Resp: 136095

Ion Ratio Lower Upper

83 100

131 10.7 4.1 12.3

85 64.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 24.686 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081512.D

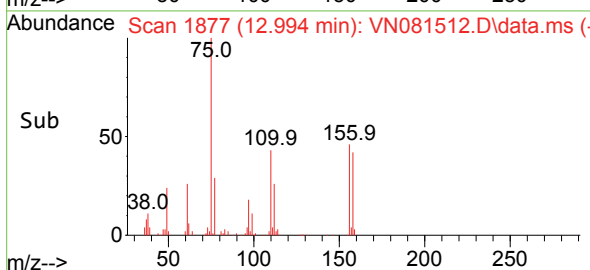
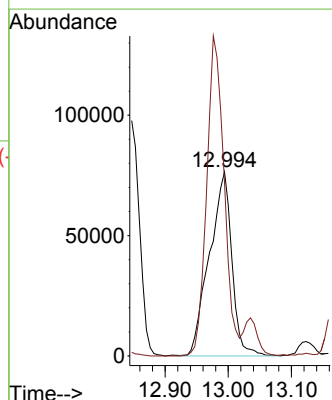
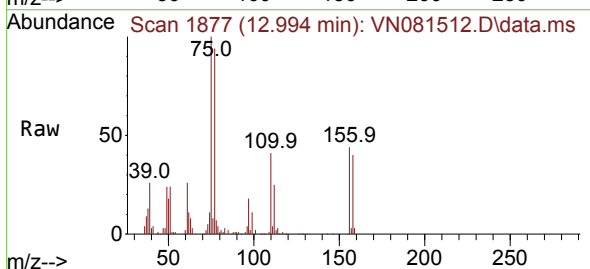
Acq: 21 Mar 2024 12:05

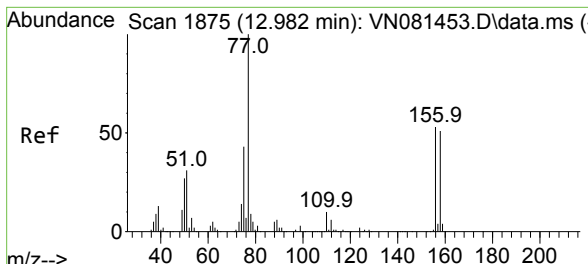
Tgt Ion: 75 Resp: 188716

Ion Ratio Lower Upper

75 100

77 135.0 91.0 272.8

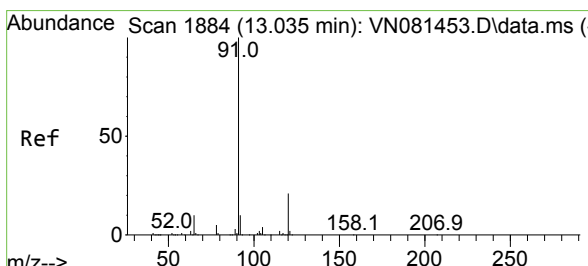
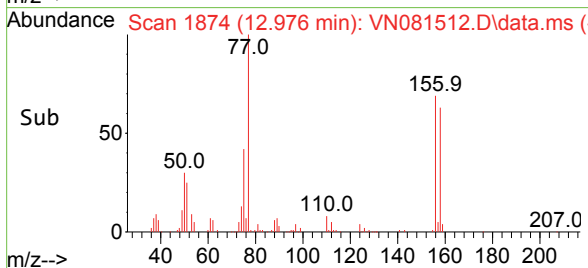
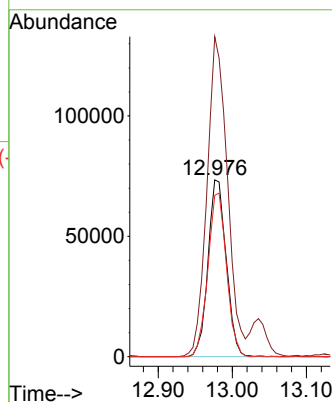
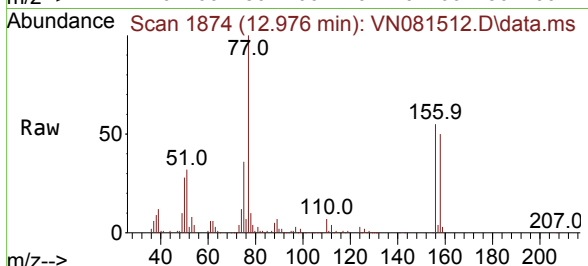




#77
Bromobenzene
Concen: 18.668 ug/l
RT: 12.976 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

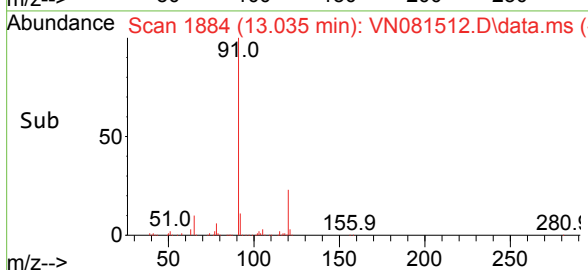
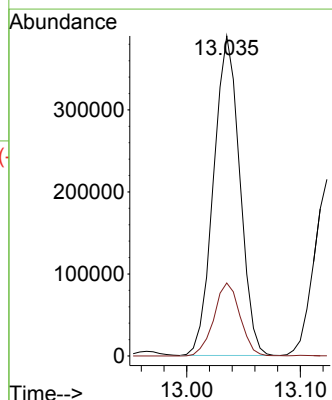
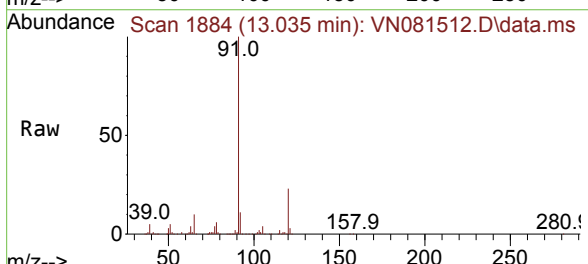
Instrument :
MSVOA_N
ClientSampleId :

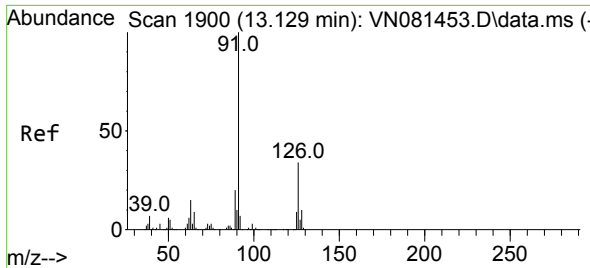
Tgt Ion:156 Resp: 125626
Ion Ratio Lower Upper
156 100
77 202.8 138.1 414.3
158 94.0 46.5 139.5



#78
n-propylbenzene
Concen: 19.401 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 91 Resp: 624153
Ion Ratio Lower Upper
91 100
120 22.8 10.3 30.9

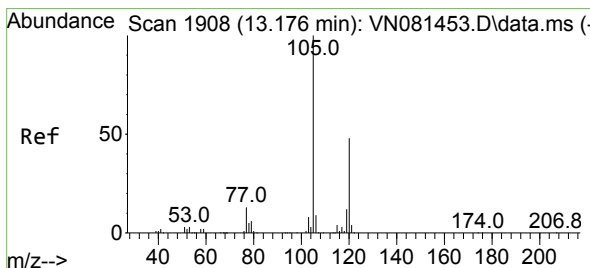
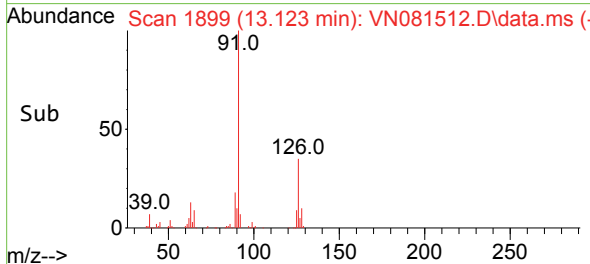
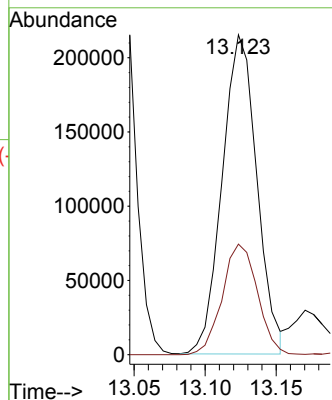
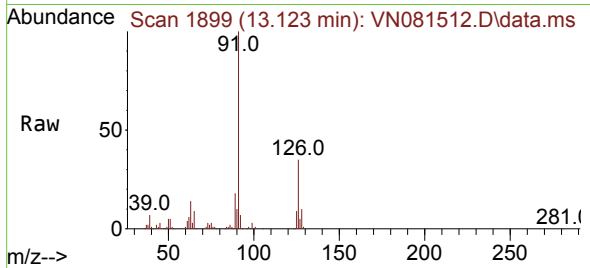




#79
2-Chlorotoluene
Concen: 18.958 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

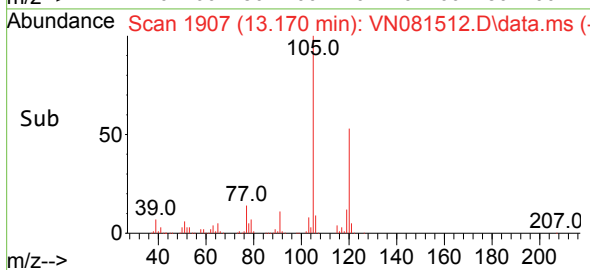
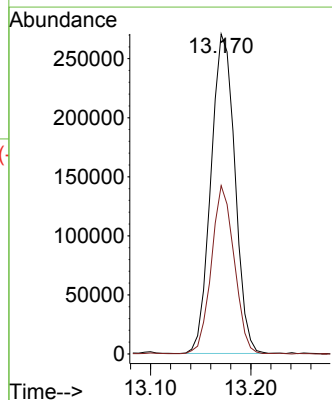
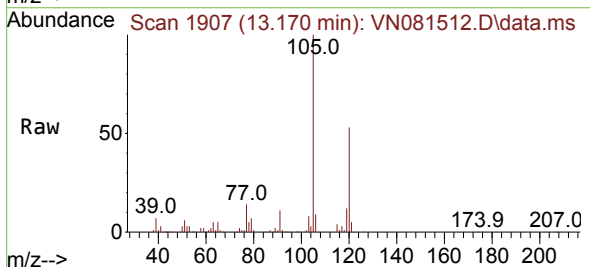
Instrument :
MSVOA_N
ClientSampleId :

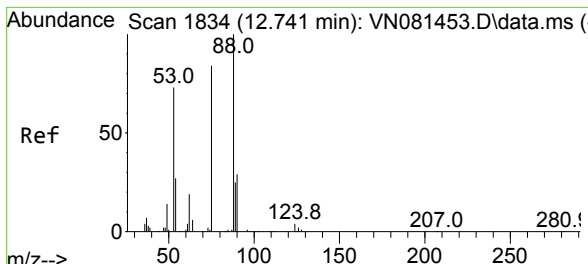
Tgt Ion: 91 Resp: 365044
Ion Ratio Lower Upper
91 100
126 35.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.968 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion: 105 Resp: 449305
Ion Ratio Lower Upper
105 100
120 50.0 23.0 69.0

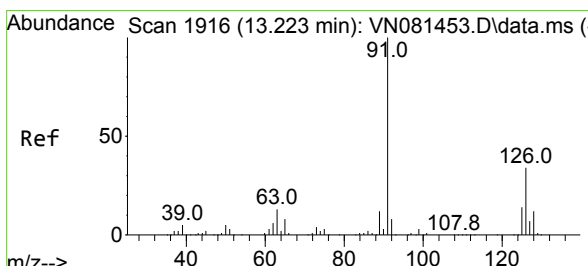
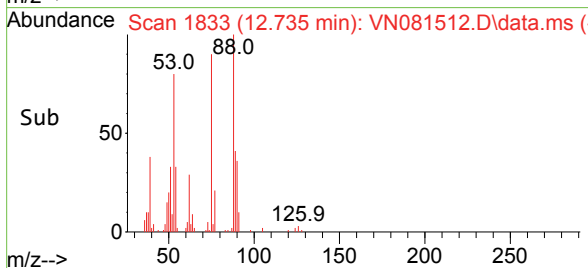
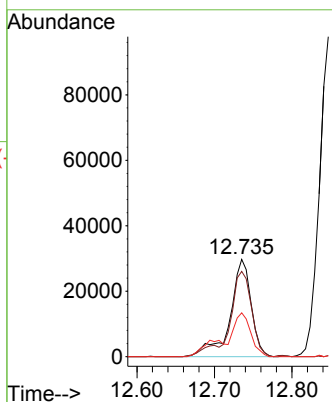
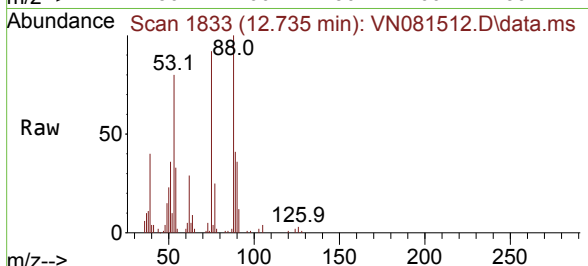




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.971 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

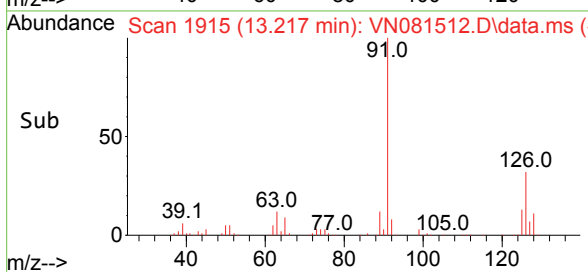
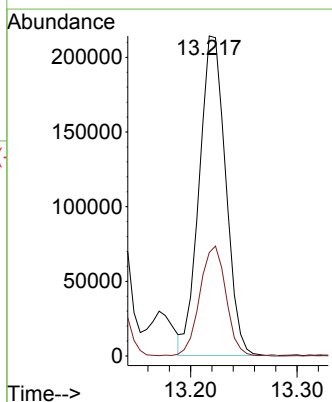
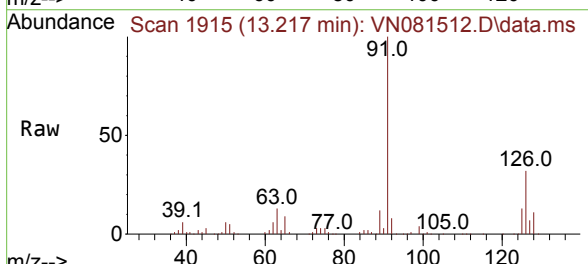
Instrument :
 MSVOA_N
 ClientSampleId :

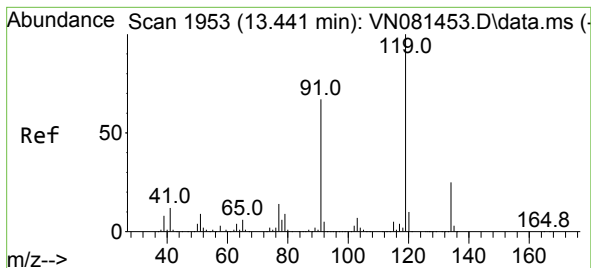
Tgt Ion:	75	Resp:	56497
Ion	Ratio	Lower	Upper
75	100		
53	90.2	71.4	107.2
89	36.0	33.4	50.0



#82
 4-Chlorotoluene
 Concen: 19.428 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

Tgt Ion:	91	Resp:	368811
Ion	Ratio	Lower	Upper
91	100		
126	34.1	15.3	45.9

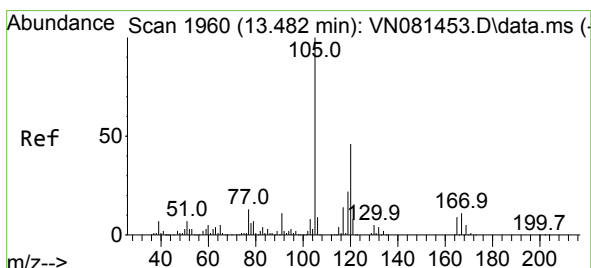
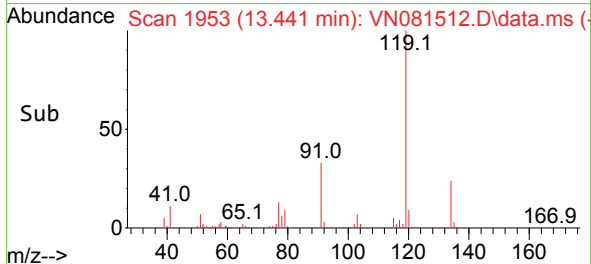
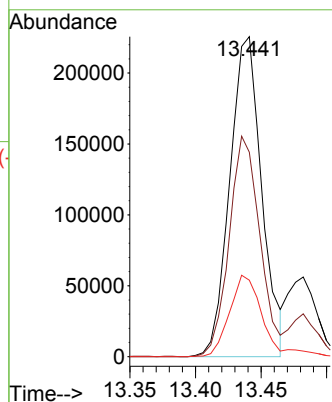
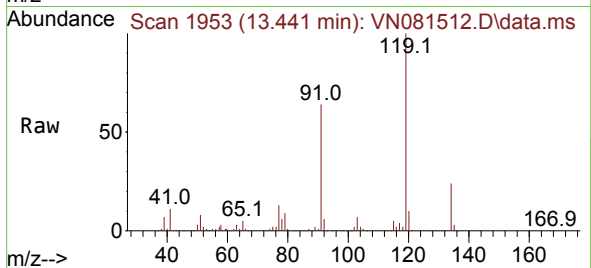




#83
tert-Butylbenzene
Concen: 19.719 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

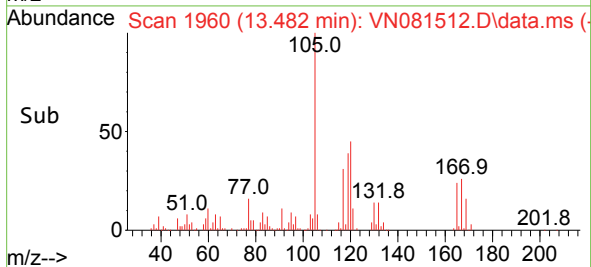
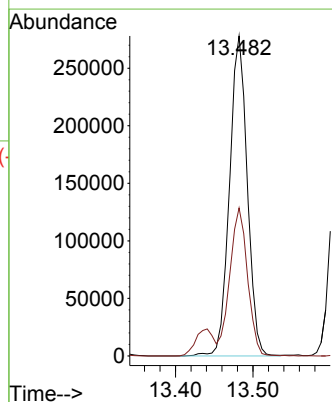
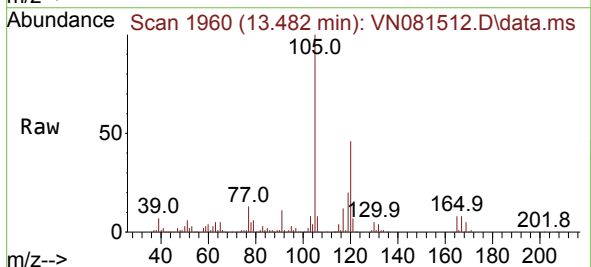
Instrument :
MSVOA_N
ClientSampleId :

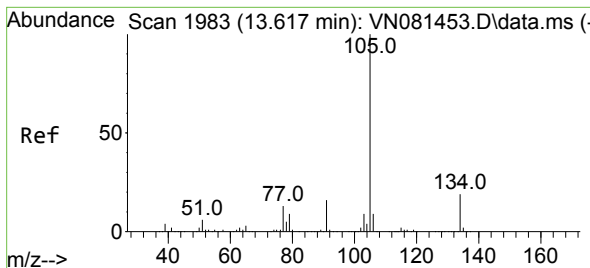
Tgt Ion:119 Resp: 382608
Ion Ratio Lower Upper
119 100
91 66.4 36.8 110.4
134 26.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.628 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081512.D
Acq: 21 Mar 2024 12:05

Tgt Ion:105 Resp: 443886
Ion Ratio Lower Upper
105 100
120 46.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.361 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

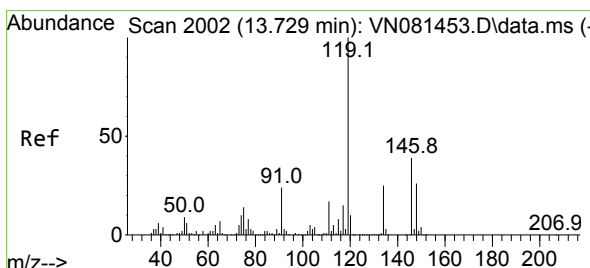
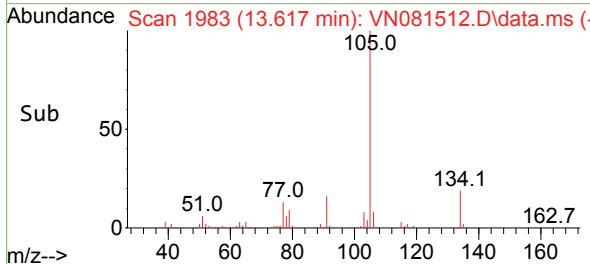
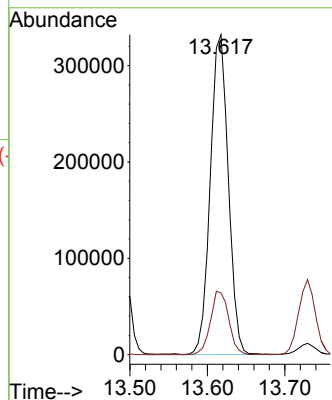
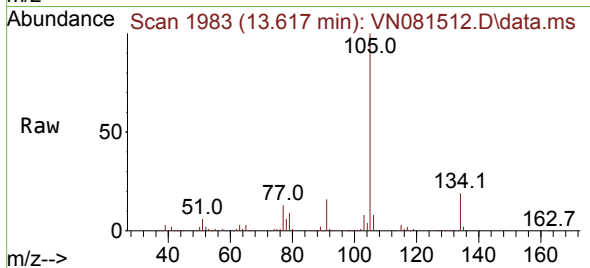
ClientSampleId :

Tgt Ion:105 Resp: 537043

Ion Ratio Lower Upper

105 100

134 20.1 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.784 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

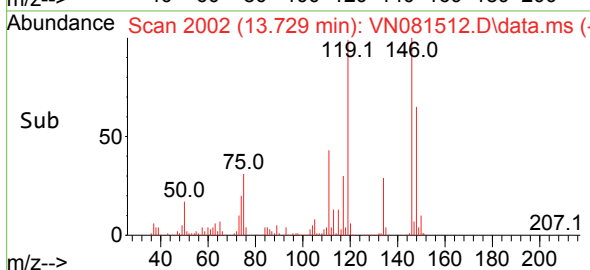
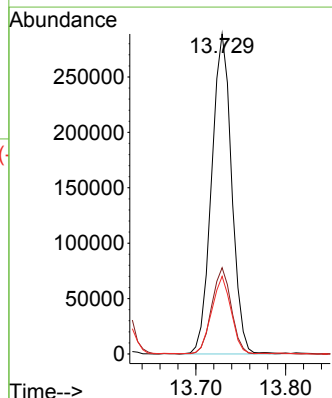
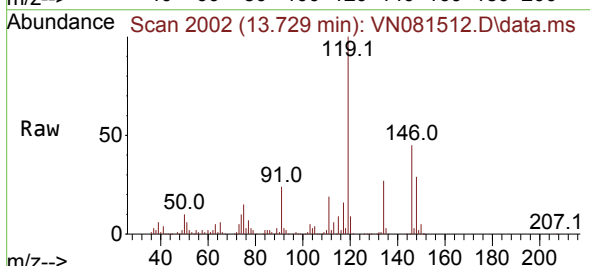
Tgt Ion:119 Resp: 448582

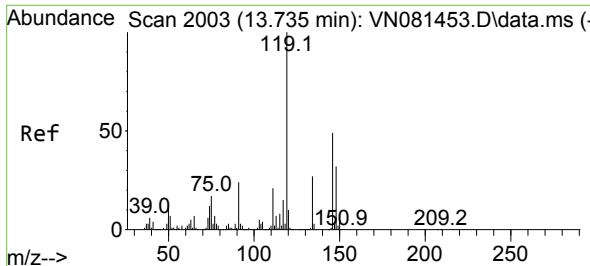
Ion Ratio Lower Upper

119 100

134 26.1 12.4 37.2

91 23.3 13.5 40.4

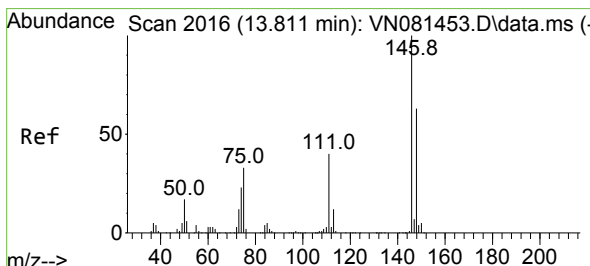
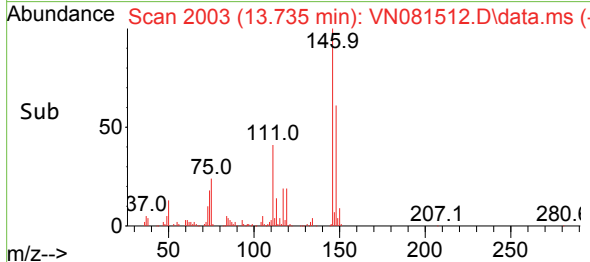
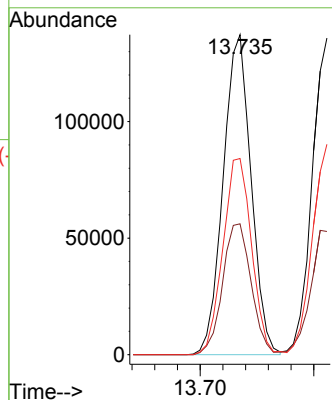
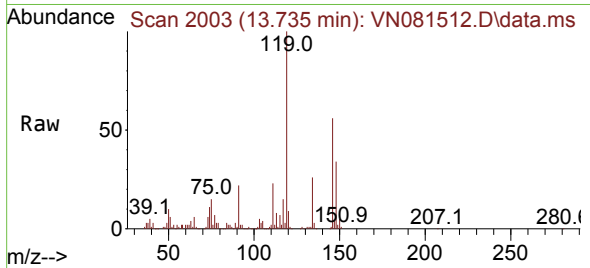




#87
 1,3-Dichlorobenzene
 Concen: 18.917 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

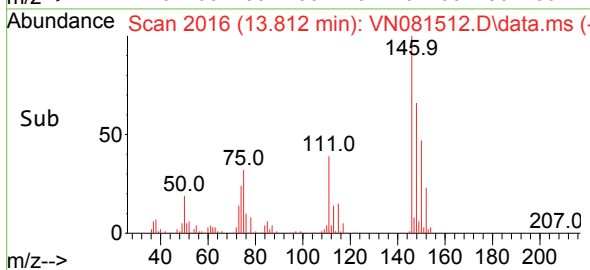
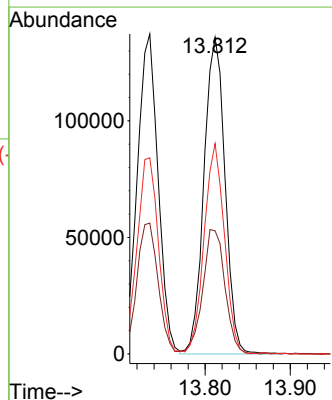
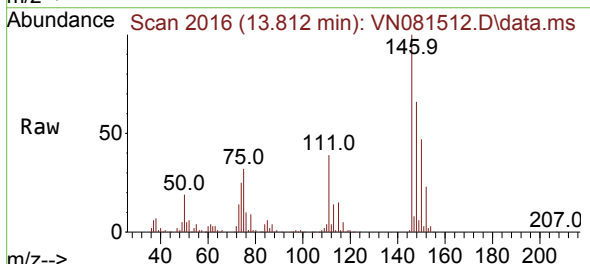
Instrument :
 MSVOA_N
 ClientSampleId :

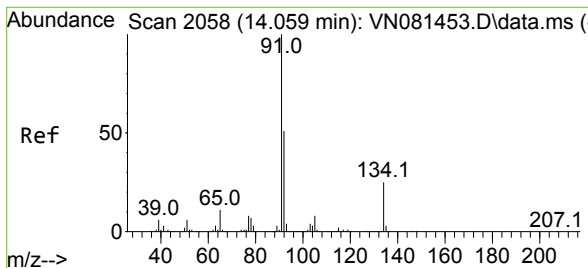
Tgt Ion:146 Resp: 233895
 Ion Ratio Lower Upper
 146 100
 111 42.0 23.9 71.7
 148 63.2 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 18.217 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

Tgt Ion:146 Resp: 233226
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.6 67.7
 148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 19.158 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

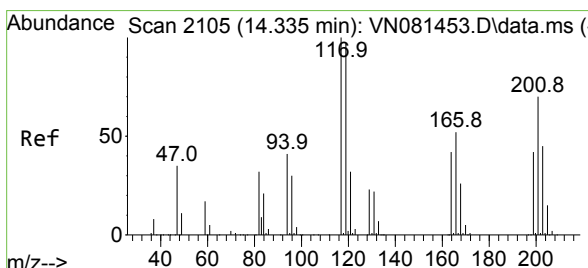
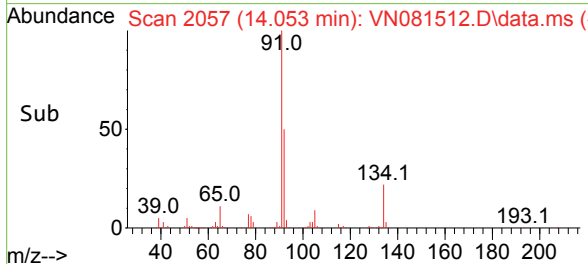
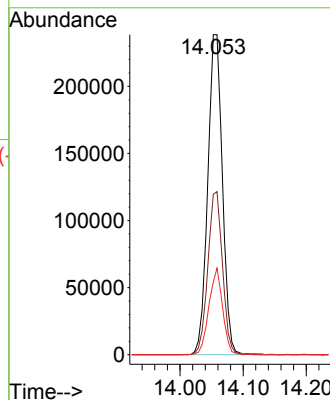
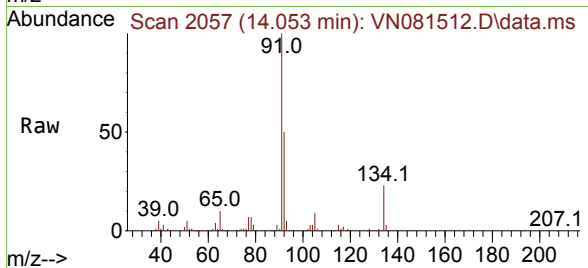
Tgt Ion: 91 Resp: 385195

Ion Ratio Lower Upper

91 100

92 50.9 26.7 80.1

134 25.3 10.8 32.4



#90

Hexachloroethane

Concen: 17.450 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081512.D

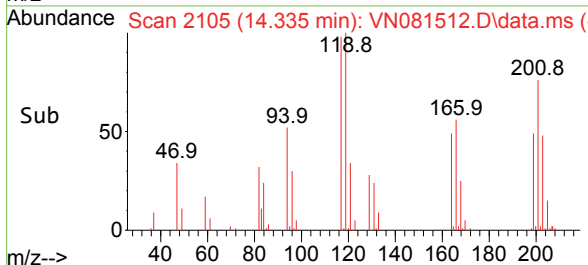
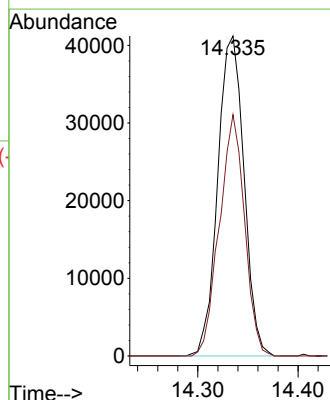
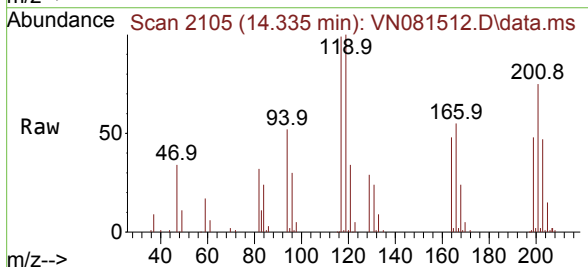
Acq: 21 Mar 2024 12:05

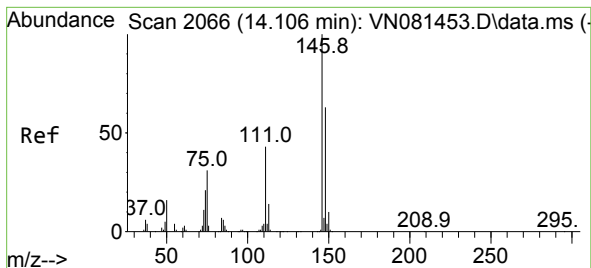
Tgt Ion: 117 Resp: 74932

Ion Ratio Lower Upper

117 100

201 72.3 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 19.092 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

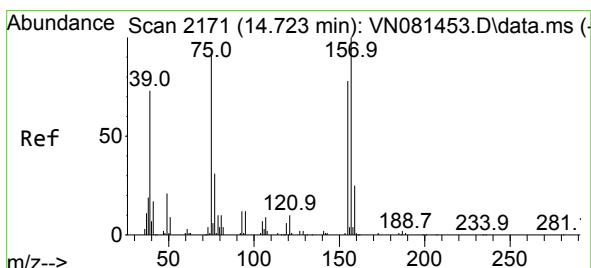
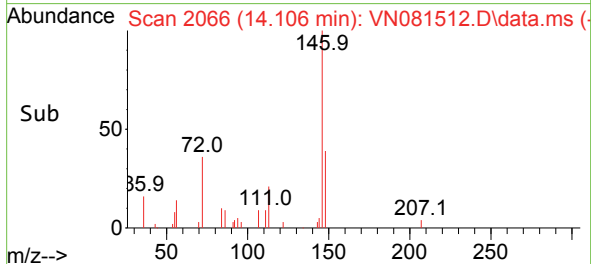
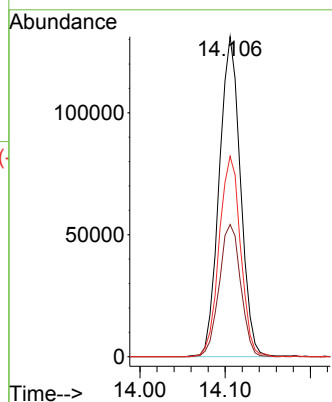
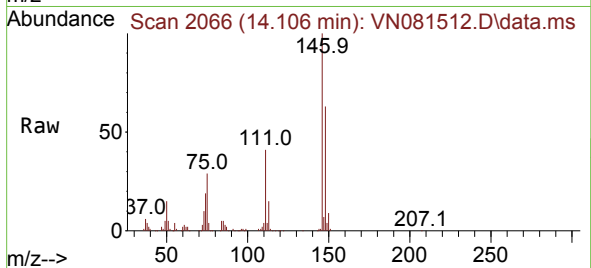
Tgt Ion:146 Resp: 227207

Ion Ratio Lower Upper

146 100

111 41.9 23.9 71.8

148 63.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.392 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

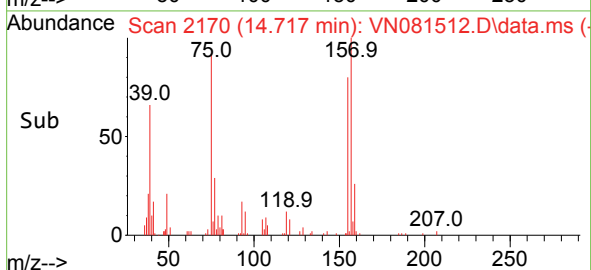
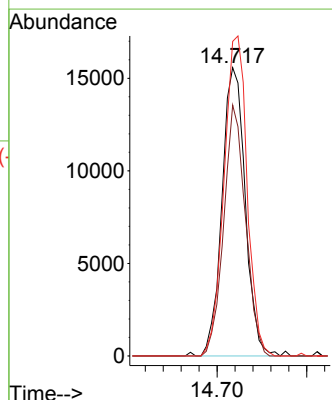
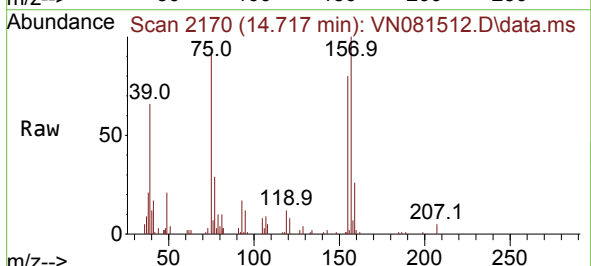
Tgt Ion: 75 Resp: 27942

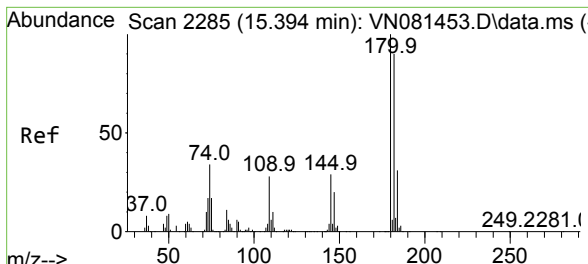
Ion Ratio Lower Upper

75 100

155 81.6 31.8 95.4

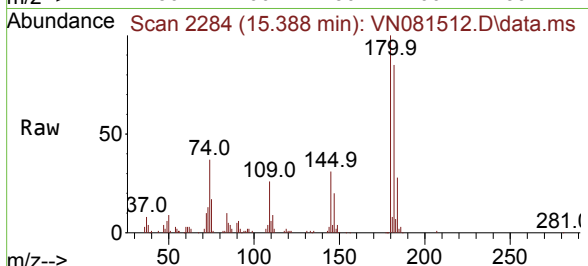
157 110.7 41.1 123.4



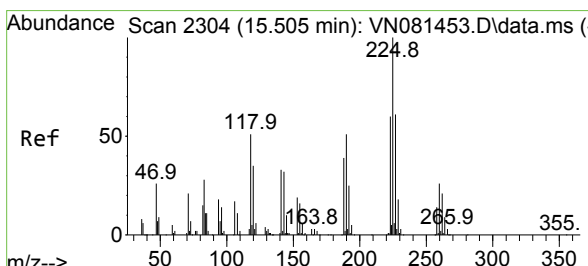
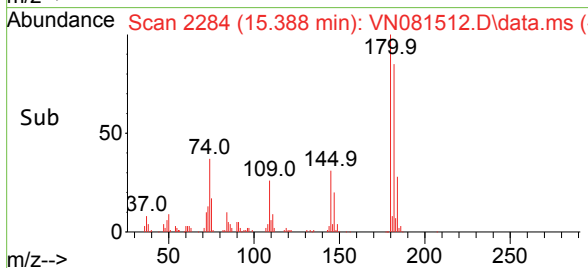
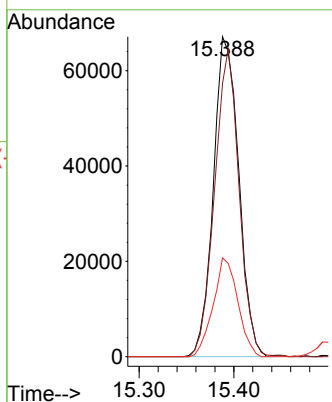


#93
 1,2,4-Trichlorobenzene
 Concen: 18.163 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

Instrument :
 MSVOA_N
 ClientSampleId :

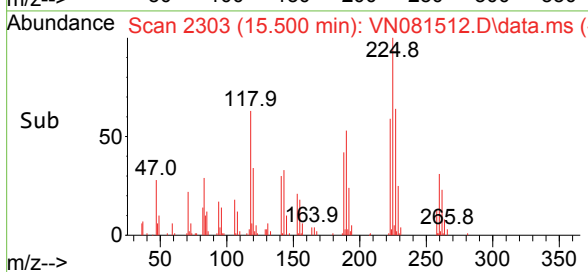
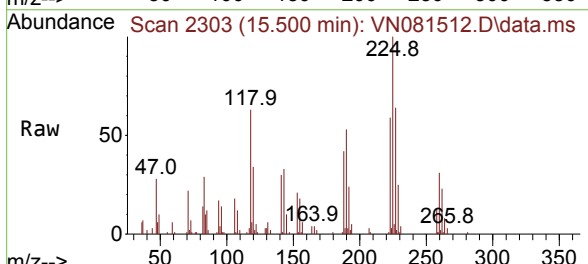
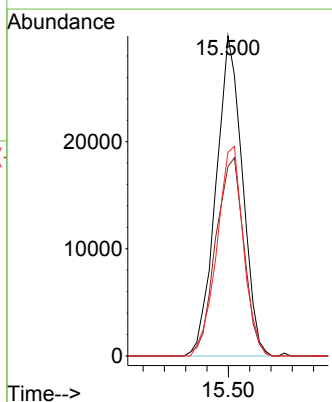


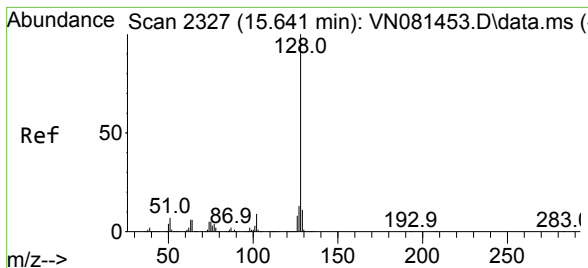
Tgt Ion:	180	Resp:	124980
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.6	139.7
145	30.0	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 17.014 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081512.D
 Acq: 21 Mar 2024 12:05

Tgt Ion:	225	Resp:	51367
Ion Ratio	Lower	Upper	
225	100		
223	66.1	33.3	99.8
227	65.8	33.1	99.2





#95

Naphthalene

Concen: 17.427 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

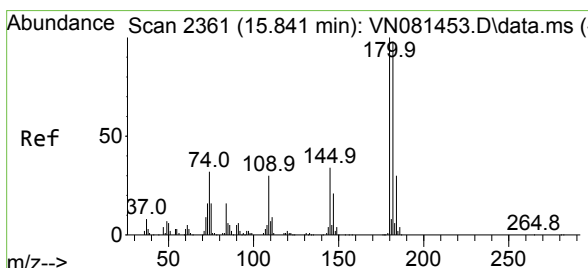
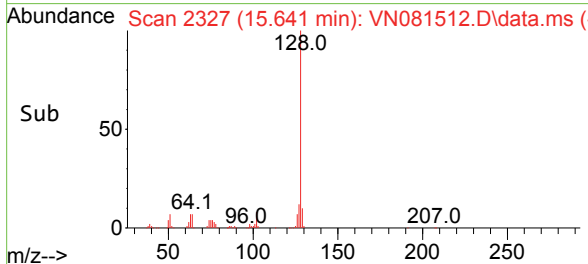
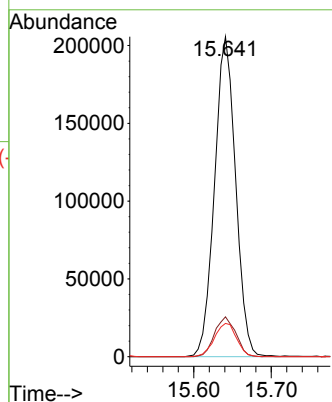
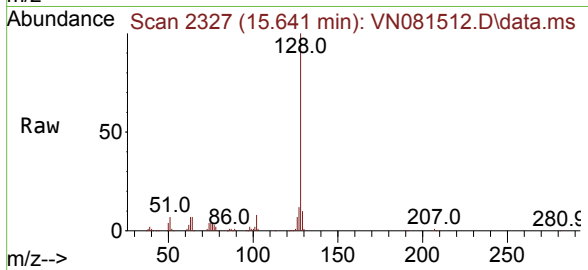
Tgt Ion:128 Resp: 388569

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.101 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081512.D

Acq: 21 Mar 2024 12:05

Tgt Ion:180 Resp: 125287

Ion Ratio Lower Upper

180 100

182 93.8 46.5 139.3

145 34.4 17.8 53.4

