

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080829.D
 Acq On : 30 Jan 2024 21:09
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 31 02:15:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	116038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107296	53.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.900%	
35) Dibromofluoromethane	8.171	113	75124	51.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.620%	
50) Toluene-d8	10.565	98	297318	52.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.847	95	102486	51.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81334	47.191	ug/l	99
3) Chloromethane	2.359	50	130142	50.233	ug/l	96
4) Vinyl Chloride	2.512	62	97942	49.726	ug/l	94
5) Bromomethane	2.942	94	38311	48.629	ug/l	95
6) Chloroethane	3.118	64	56712	54.006	ug/l	95
7) Trichlorofluoromethane	3.495	101	124873	48.986	ug/l	89
8) Diethyl Ether	3.953	74	60503	51.450	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	70606	47.499	ug/l	96
10) Methyl Iodide	4.589	142	61195	48.767	ug/l	98
11) Tert butyl alcohol	5.518	59	78695	240.486	ug/l	97
12) 1,1-Dichloroethene	4.342	96	76569	47.010	ug/l	99
13) Acrolein	4.177	56	102831	249.192	ug/l	98
14) Allyl chloride	5.024	41	177170	55.031	ug/l	92
15) Acrylonitrile	5.718	53	253750	257.836	ug/l	98
16) Acetone	4.424	43	181564	249.388	ug/l	98
17) Carbon Disulfide	4.712	76	238565	47.048	ug/l	97
18) Methyl Acetate	5.018	43	133066	52.444	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	288990	50.354	ug/l	99
20) Methylene Chloride	5.277	84	93627	48.990	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	85509	48.323	ug/l	89
22) Diisopropyl ether	6.677	45	377297	53.114	ug/l	99
23) Vinyl Acetate	6.600	43	1372404	267.017	ug/l	100
24) 1,1-Dichloroethane	6.571	63	186309	51.716	ug/l	98
25) 2-Butanone	7.483	43	330305	238.858	ug/l	99
26) 2,2-Dichloropropane	7.488	77	122363	42.024	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	103260	50.411	ug/l	98
28) Bromochloromethane	7.812	49	93982	49.274	ug/l	99
29) Tetrahydrofuran	7.836	42	232321	248.281	ug/l	99
30) Chloroform	7.971	83	168706	50.407	ug/l	94
31) Cyclohexane	8.259	56	154476	44.876	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	139126	51.261	ug/l	99
36) 1,1-Dichloropropene	8.371	75	131841	48.917	ug/l	97
37) Ethyl Acetate	7.559	43	146298	52.730	ug/l	98
38) Carbon Tetrachloride	8.365	117	108519	49.973	ug/l	91
39) Methylcyclohexane	9.600	83	125849	46.978	ug/l	95
40) Benzene	8.606	78	404180	51.024	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83596	51.121	ug/l	94
42) 1,2-Dichloroethane	8.671	62	140283	54.359	ug/l	98
43) Isopropyl Acetate	8.688	43	254681	50.418	ug/l	99
44) Trichloroethene	9.353	130	80002	45.853	ug/l	82
45) 1,2-Dichloropropane	9.624	63	114259	53.299	ug/l	98
46) Dibromomethane	9.706	93	65304	51.388	ug/l	96
47) Bromodichloromethane	9.888	83	133376	51.695	ug/l	100
48) Methyl methacrylate	9.682	41	120715	49.294	ug/l	97
49) 1,4-Dioxane	9.694	88	30334	1028.341	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	757830	268.370	ug/l	98
52) Toluene	10.635	92	232949	51.290	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	151367	50.361	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	164727	50.399	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	89343	51.185	ug/l	96
56) Ethyl methacrylate	10.877	69	153006	57.022	ug/l	97
57) 1,3-Dichloropropane	11.165	76	172678	52.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	418240	267.375	ug/l	98
59) 2-Hexanone	11.194	43	545275	248.591	ug/l	99
60) Dibromochloromethane	11.359	129	84904	52.295	ug/l	97
61) 1,2-Dibromoethane	11.471	107	85675	52.374	ug/l	99
64) Tetrachloroethene	11.106	164	65360	46.985	ug/l	96
65) Chlorobenzene	11.894	112	223249	48.332	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	76767	51.108	ug/l	99
67) Ethyl Benzene	11.965	91	431758	50.292	ug/l	96
68) m/p-Xylenes	12.071	106	309543	101.528	ug/l	97
69) o-Xylene	12.400	106	153599	50.701	ug/l	100
70) Styrene	12.412	104	255860	52.587	ug/l	99
71) Bromoform	12.582	173	51797	51.001	ug/l #	98
73) Isopropylbenzene	12.700	105	376411	49.784	ug/l	99
74) N-amyl acetate	12.494	43	239356	50.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	128799	48.428	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	172940	69.450	ug/l	60
77) Bromobenzene	12.982	156	76126	47.101	ug/l	96
78) n-propylbenzene	13.035	91	462096	51.158	ug/l	98
79) 2-Chlorotoluene	13.129	91	275095	47.918	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	301864	50.131	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	47737	49.386	ug/l	94
82) 4-Chlorotoluene	13.223	91	271391	47.741	ug/l	98
83) tert-Butylbenzene	13.441	119	235582	48.992	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	310670	50.922	ug/l	98
85) sec-Butylbenzene	13.618	105	348357	49.139	ug/l	98
86) p-Isopropyltoluene	13.729	119	271650	49.309	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137742	47.646	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	137118	47.310	ug/l	99
89) n-Butylbenzene	14.059	91	258968	48.036	ug/l	99
90) Hexachloroethane	14.335	117	46427	48.162	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	135614	51.253	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23249	46.767	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	61692	45.300	ug/l	97
94) Hexachlorobutadiene	15.500	225	25556	42.954	ug/l	97
95) Naphthalene	15.641	128	242602	46.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	63356	47.330	ug/l	97

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Instrument :
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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

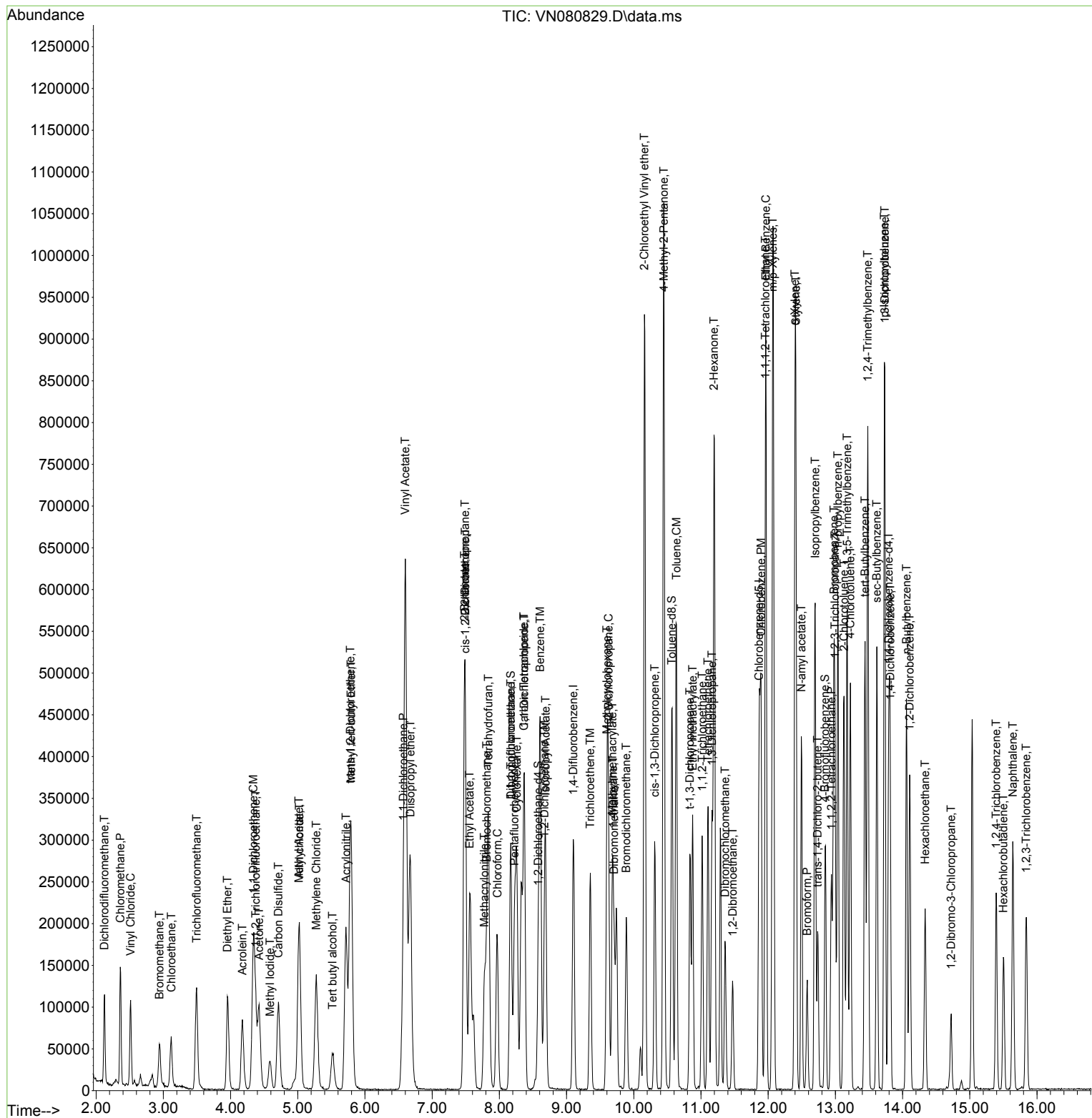
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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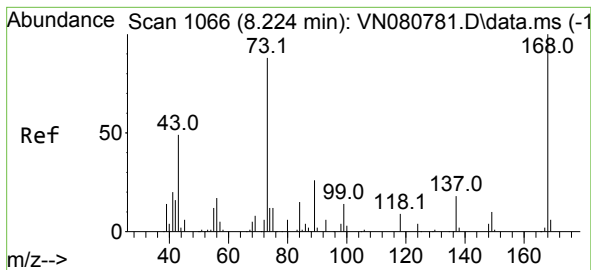
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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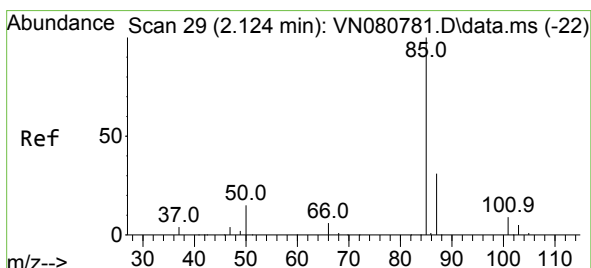
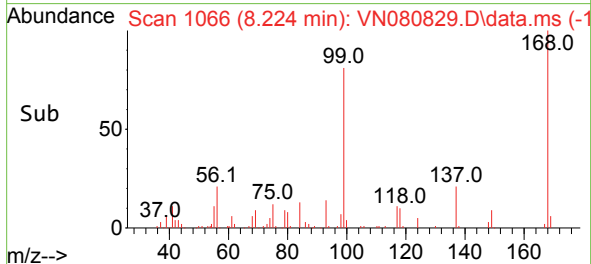
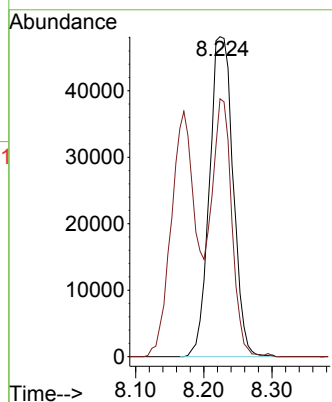
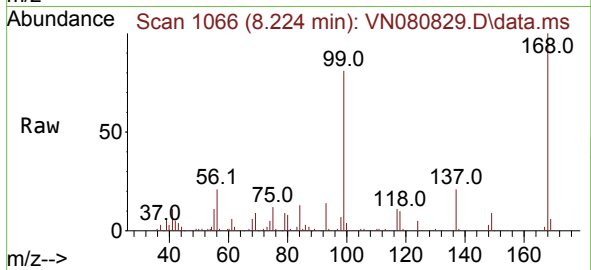




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080829.D
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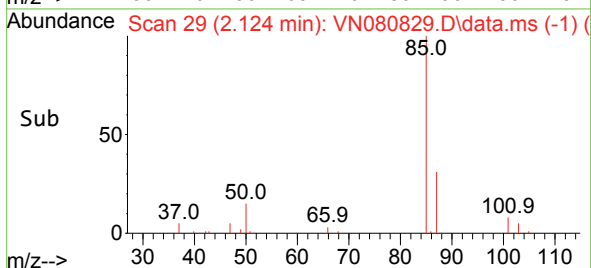
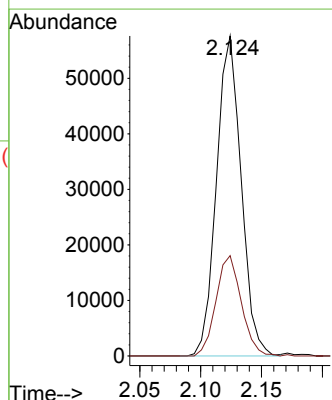
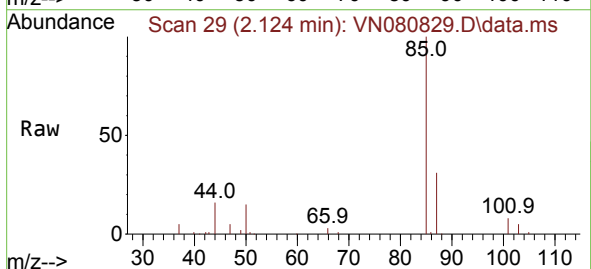
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

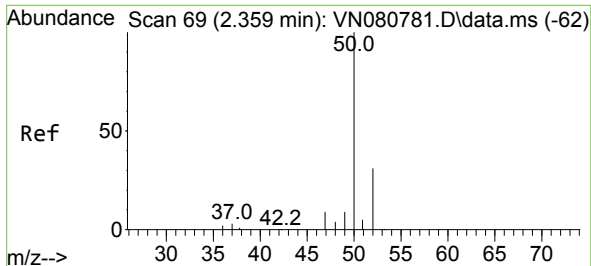
Tgt Ion:168 Resp: 116038
Ion Ratio Lower Upper
168 100
99 80.6 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 47.191 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 85 Resp: 81334
Ion Ratio Lower Upper
85 100
87 31.3 15.3 45.9

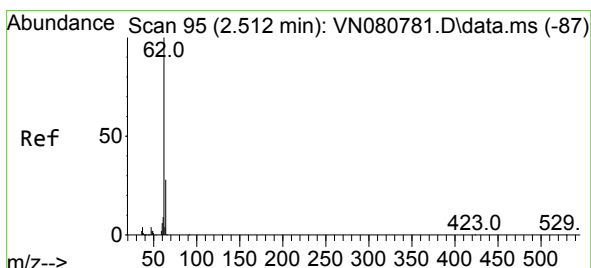
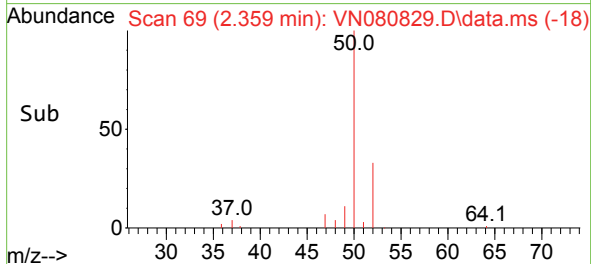
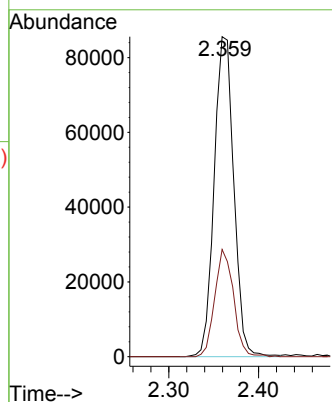
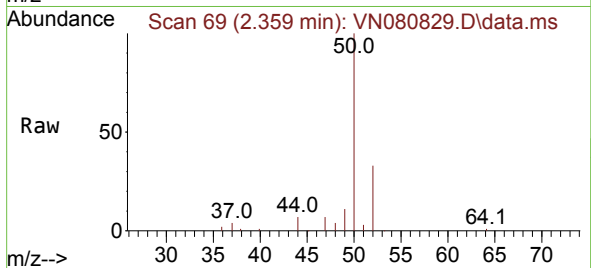




#3
Chloromethane
Concen: 50.233 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

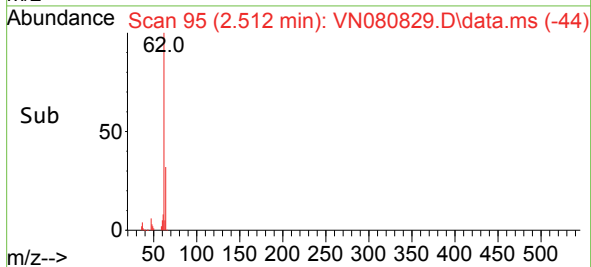
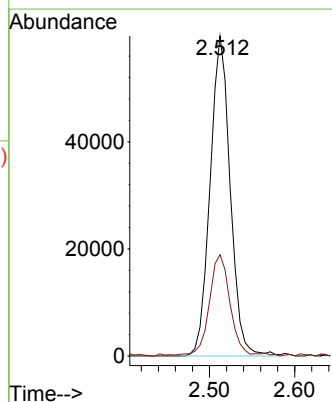
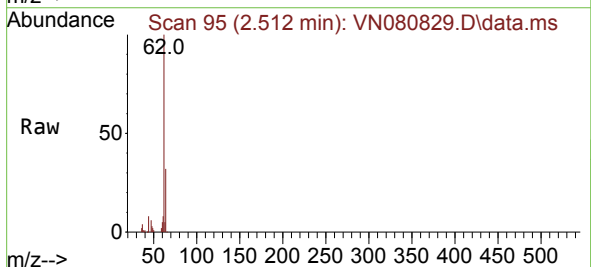
Instrument :
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ClientSampleId :
VSTDCCC050EC

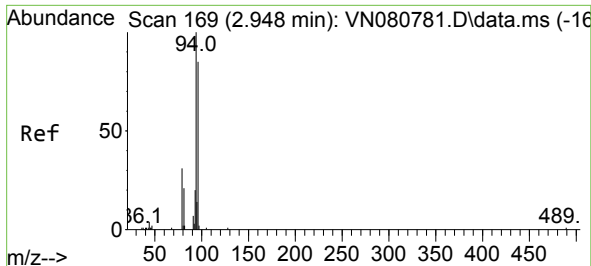
Tgt Ion: 50 Resp: 130142
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4



#4
Vinyl Chloride
Concen: 49.726 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 62 Resp: 97942
Ion Ratio Lower Upper
62 100
64 31.7 22.7 34.1

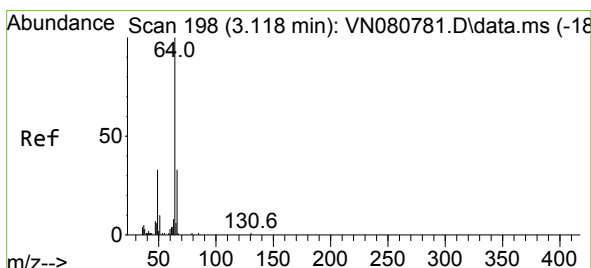
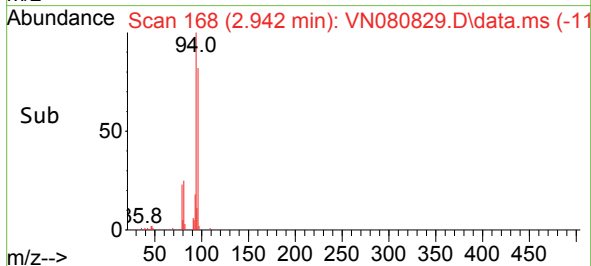
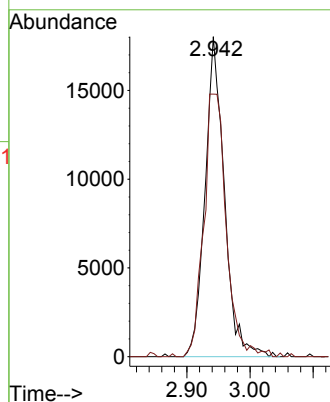
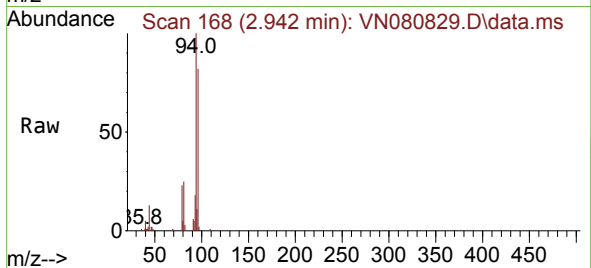




#5
Bromomethane
Concen: 48.629 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080829.D
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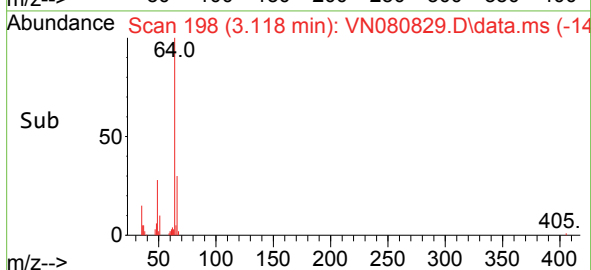
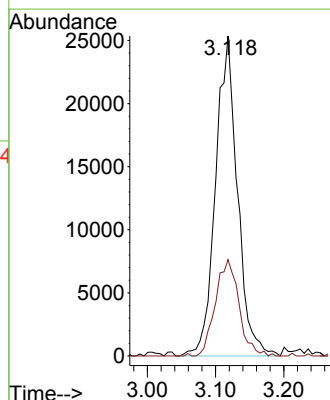
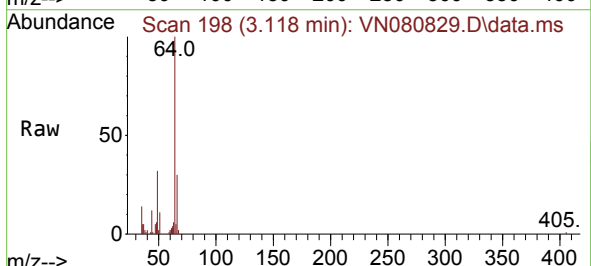
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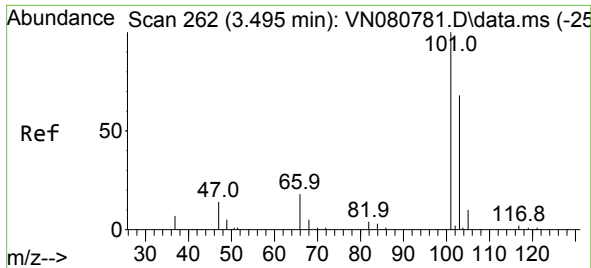
Tgt Ion: 94 Resp: 38311
Ion Ratio Lower Upper
94 100
96 82.1 69.2 103.8



#6
Chloroethane
Concen: 54.006 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 64 Resp: 56712
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6

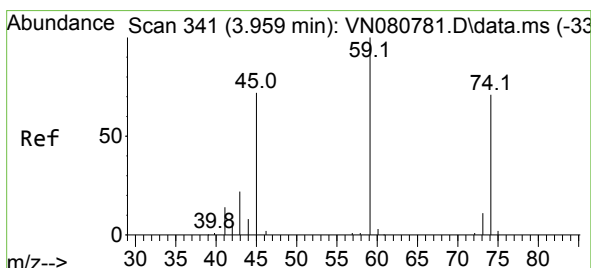
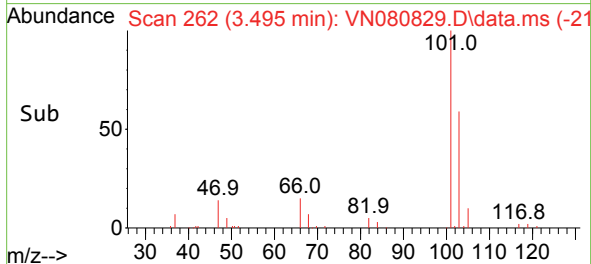
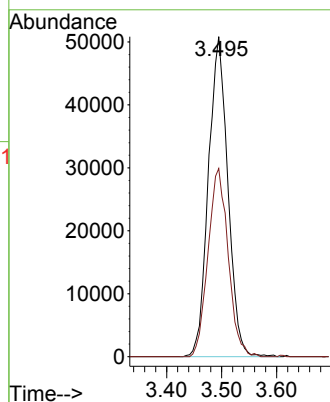
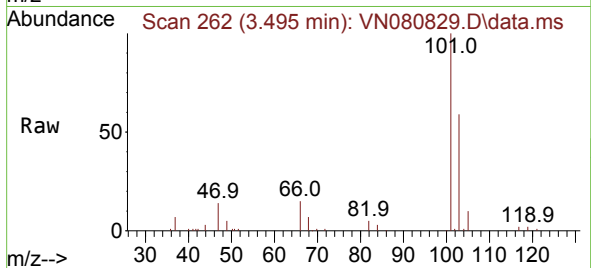




#7
 Trichlorofluoromethane
 Concen: 48.986 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

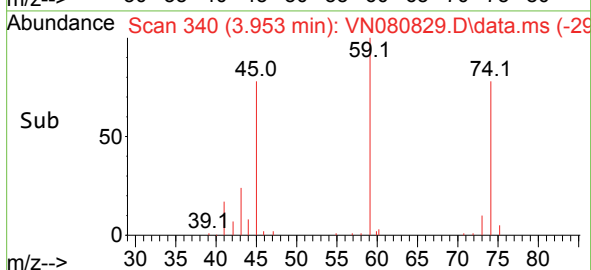
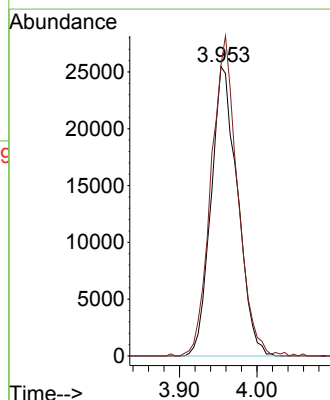
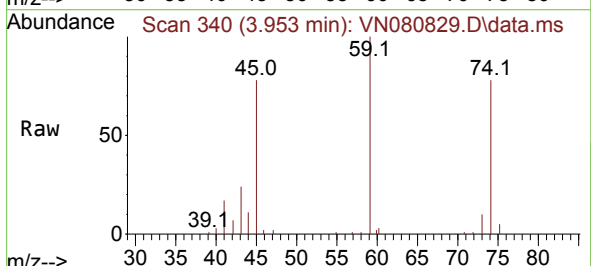
Instrument :
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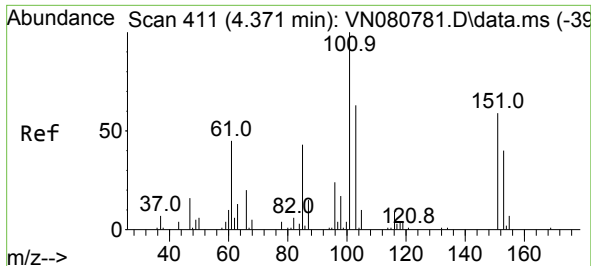
Tgt Ion:101 Resp: 124873
 Ion Ratio Lower Upper
 101 100
 103 58.8 54.4 81.6



#8
 Diethyl Ether
 Concen: 51.450 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

Tgt Ion: 74 Resp: 60503
 Ion Ratio Lower Upper
 74 100
 45 110.5 53.3 159.9

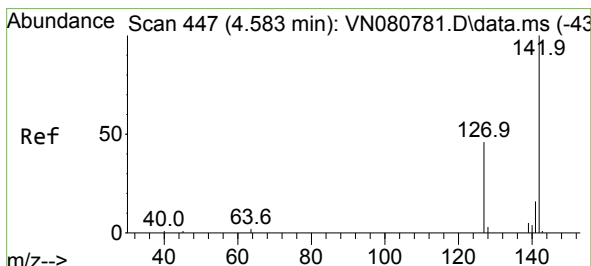
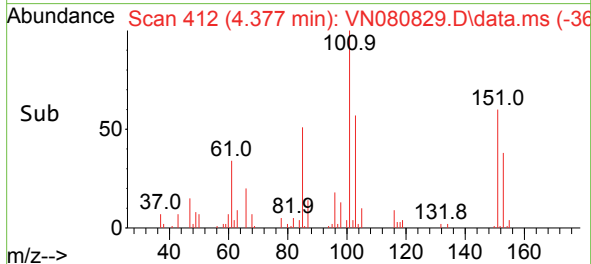
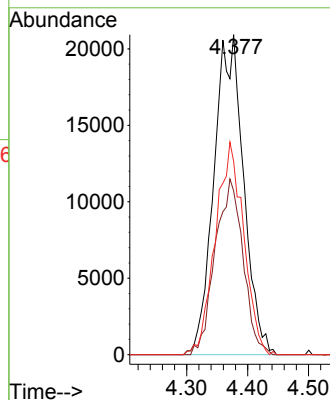
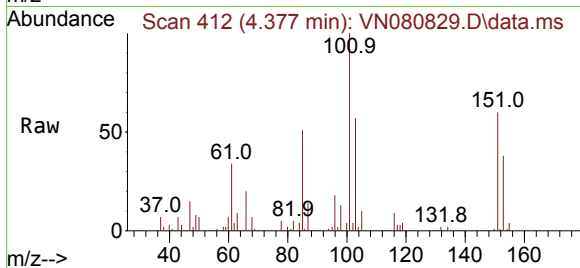




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.499 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

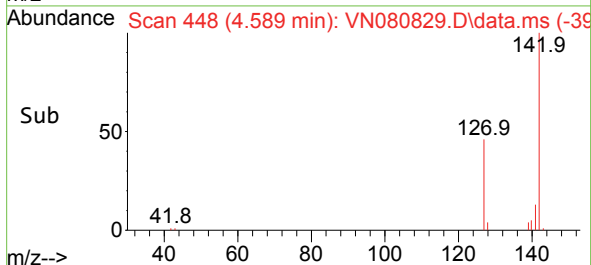
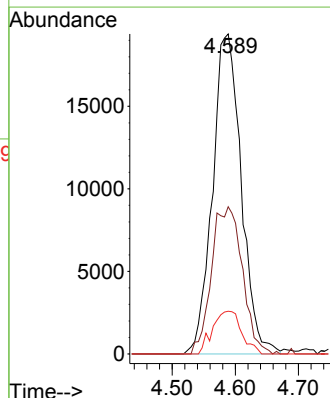
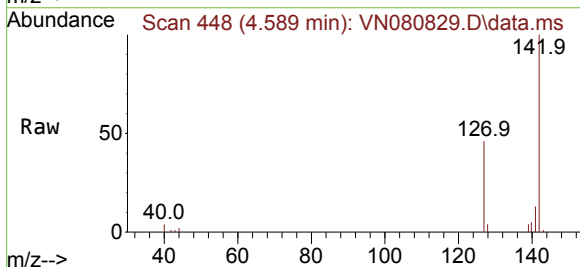
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

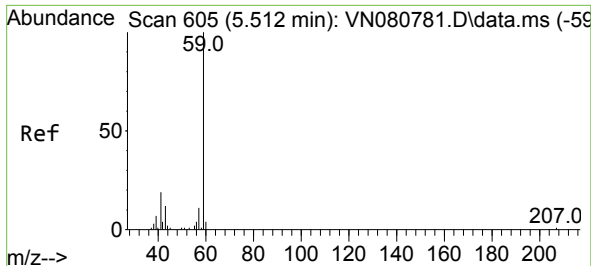
Tgt Ion:101 Resp: 70606
Ion Ratio Lower Upper
101 100
85 51.7 38.1 57.1
151 63.3 49.1 73.7



#10
Methyl Iodide
Concen: 48.767 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:142 Resp: 61195
Ion Ratio Lower Upper
142 100
127 46.0 37.0 55.4
141 13.4 12.5 18.7

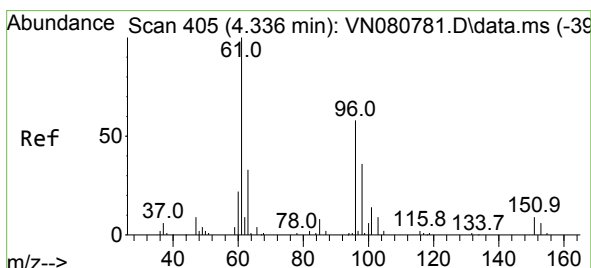
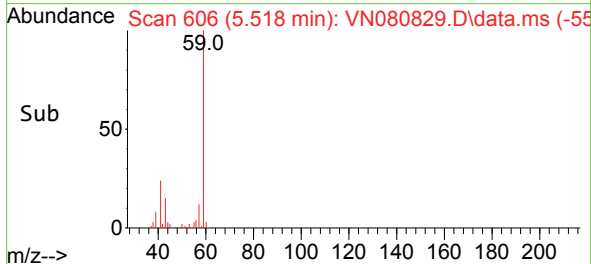
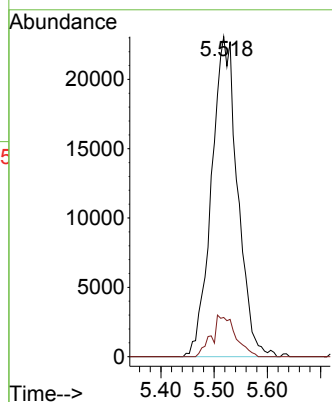
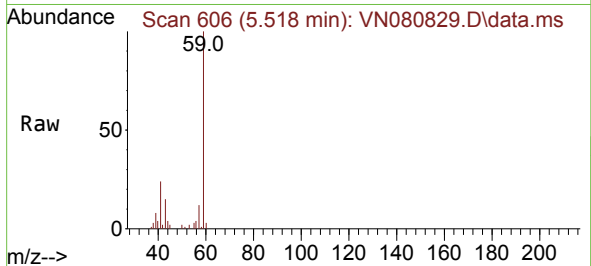




#11
Tert butyl alcohol
Concen: 240.486 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

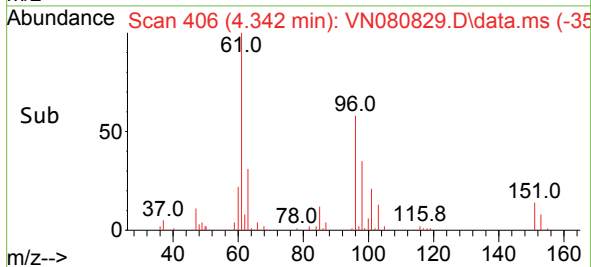
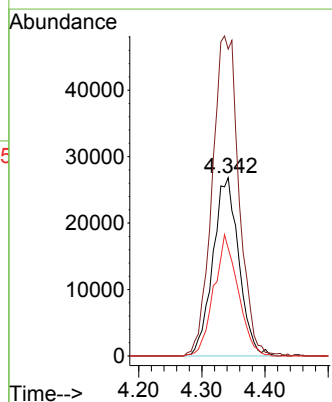
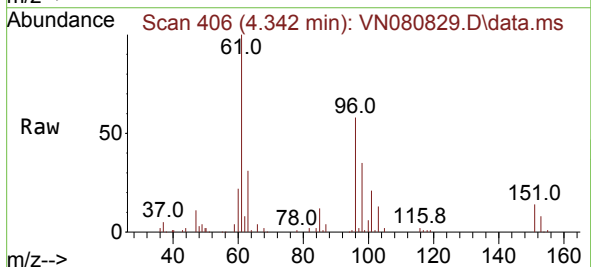
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

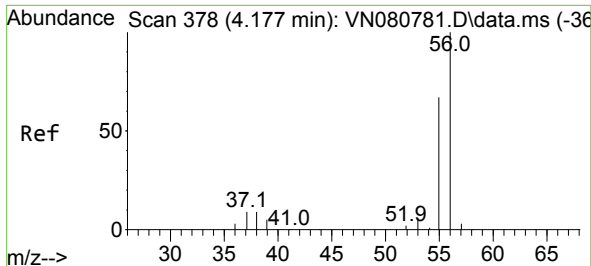
Tgt Ion: 59 Resp: 78695
Ion Ratio Lower Upper
59 100
57 11.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.010 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 96 Resp: 76569
Ion Ratio Lower Upper
96 100
61 172.1 138.2 207.4
98 60.4 49.2 73.8





#13

Acrolein

Concen: 249.192 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

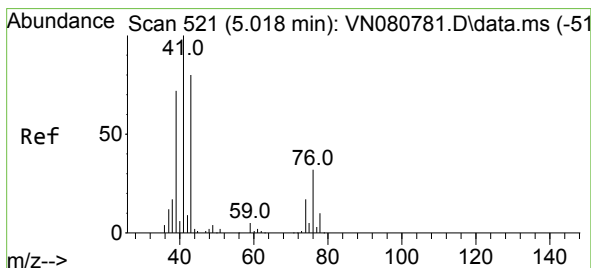
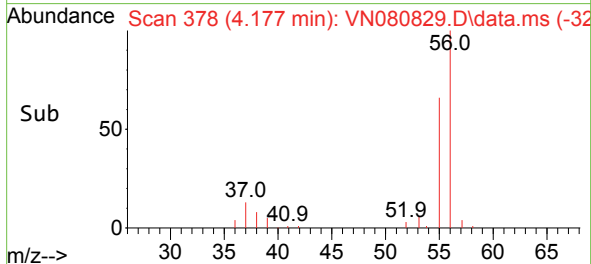
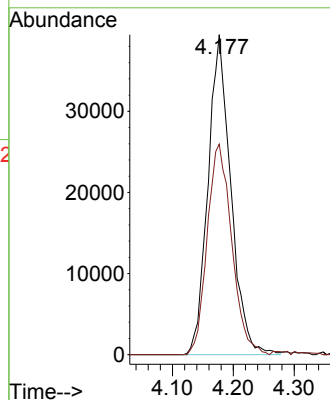
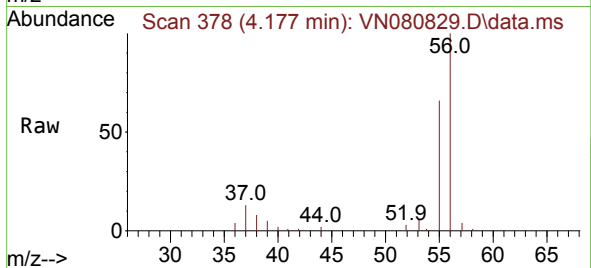
VSTDCCC050EC

Tgt Ion: 56 Resp: 102831

Ion Ratio Lower Upper

56 100

55 70.7 55.3 82.9



#14

Allyl chloride

Concen: 55.031 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

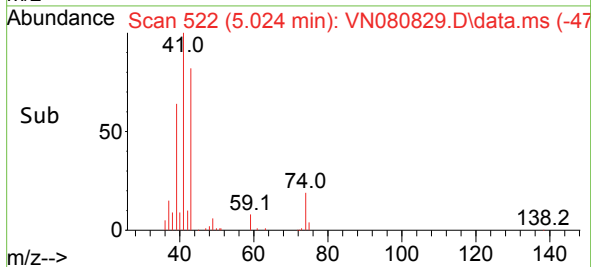
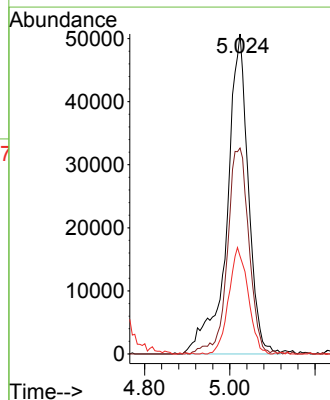
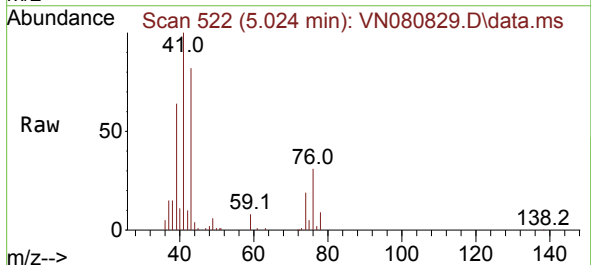
Tgt Ion: 41 Resp: 177170

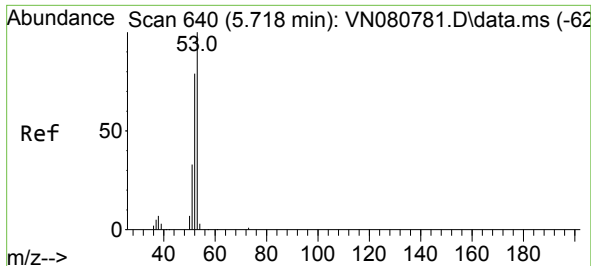
Ion Ratio Lower Upper

41 100

39 64.7 57.7 86.5

76 30.1 26.8 40.2

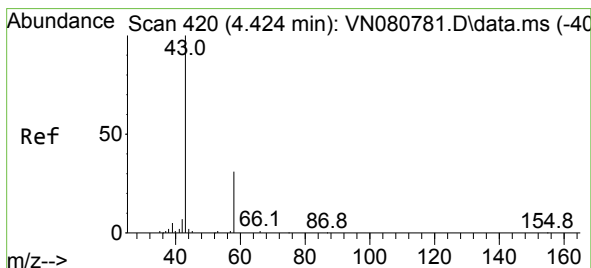
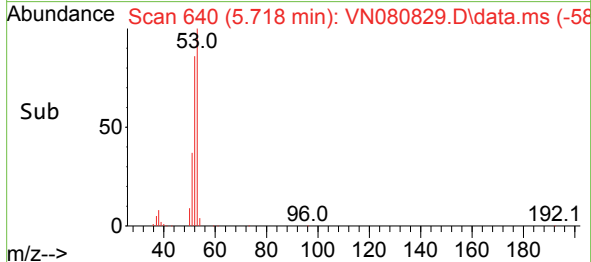
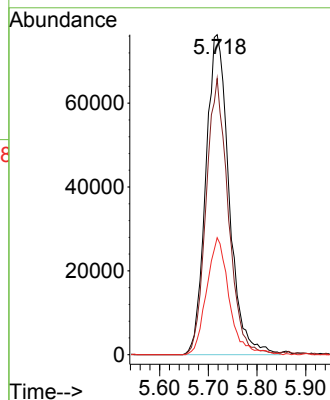
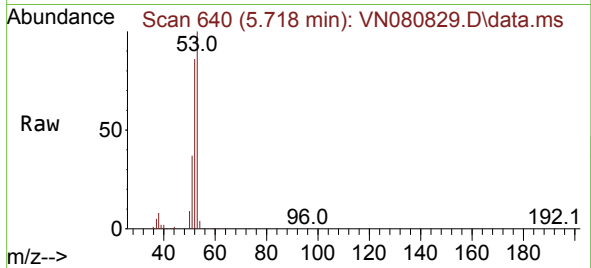




#15
Acrylonitrile
Concen: 257.836 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

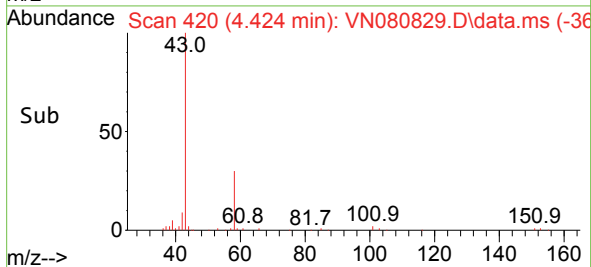
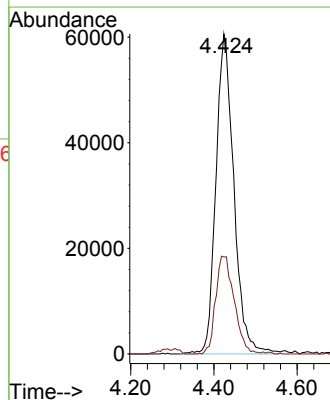
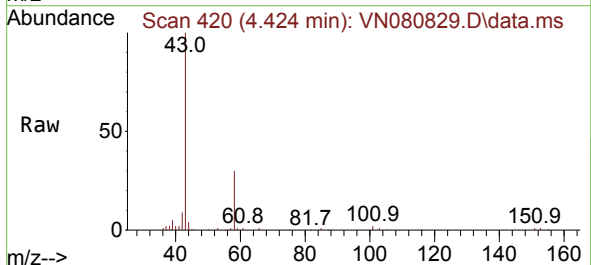
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

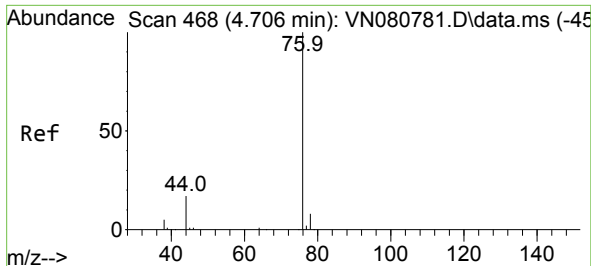
Tgt Ion: 53 Resp: 253750
Ion Ratio Lower Upper
53 100
52 81.9 64.8 97.2
51 35.5 26.9 40.3



#16
Acetone
Concen: 249.388 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 43 Resp: 181564
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2

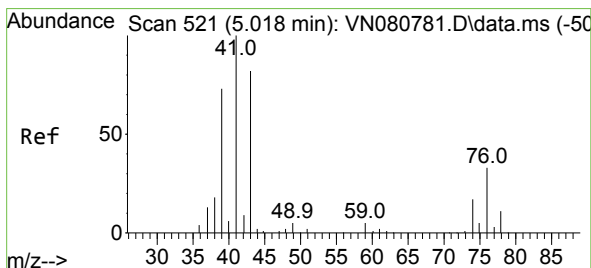
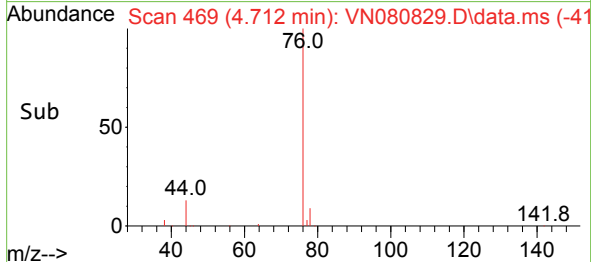
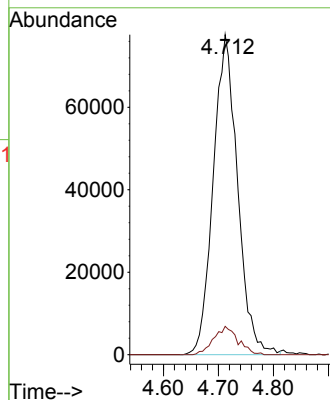
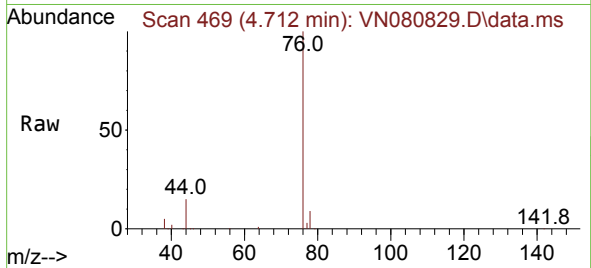




#17
Carbon Disulfide
Concen: 47.048 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

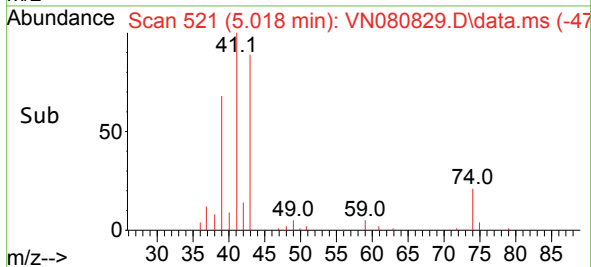
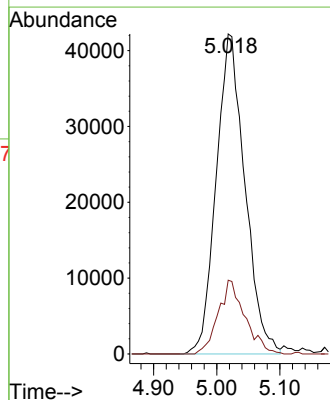
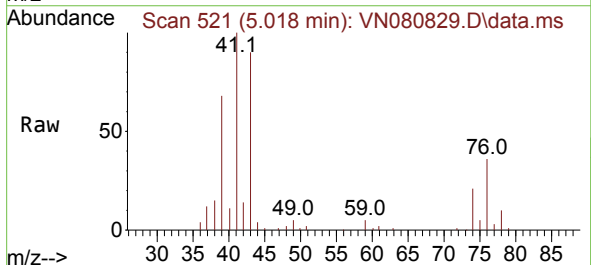
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

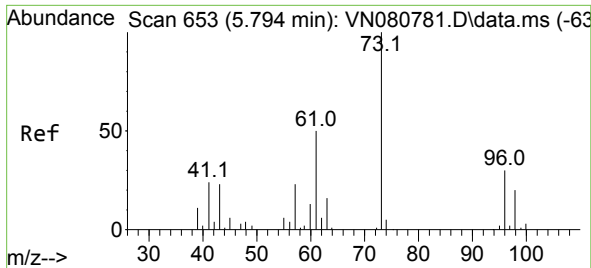
Tgt Ion: 76 Resp: 238565
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5



#18
Methyl Acetate
Concen: 52.444 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 43 Resp: 133066
Ion Ratio Lower Upper
43 100
74 21.5 17.3 25.9

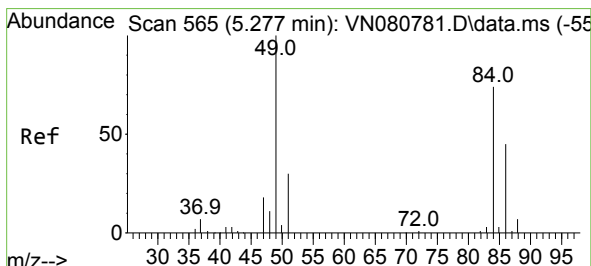
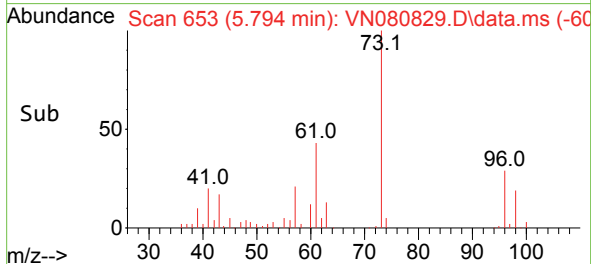
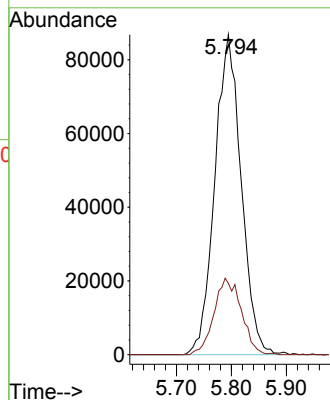
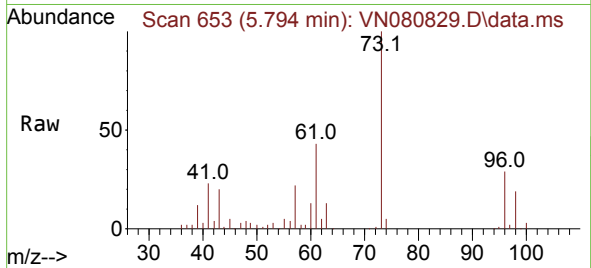




#19
Methyl tert-butyl Ether
Concen: 50.354 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

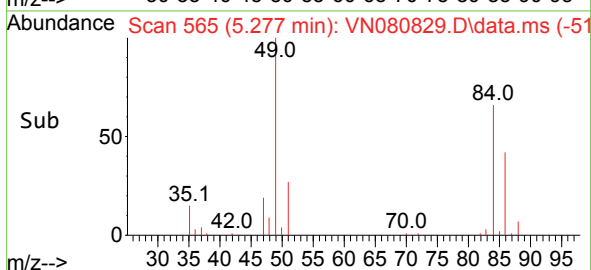
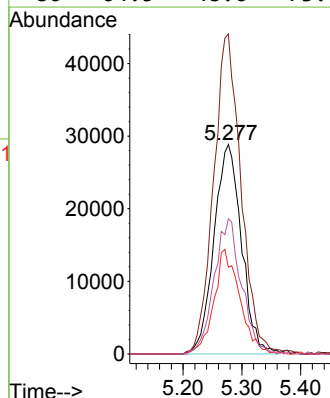
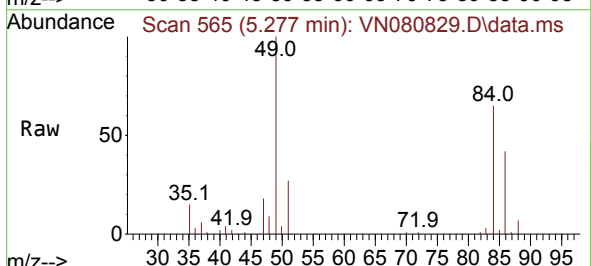
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

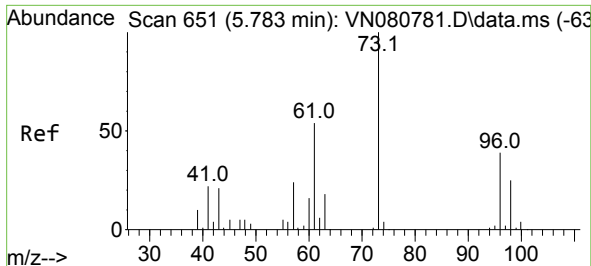
Tgt Ion: 73 Resp: 288990
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 48.990 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 84 Resp: 93627
Ion Ratio Lower Upper
84 100
49 152.8 108.1 162.1
51 41.5 32.9 49.3
86 64.5 48.6 73.0

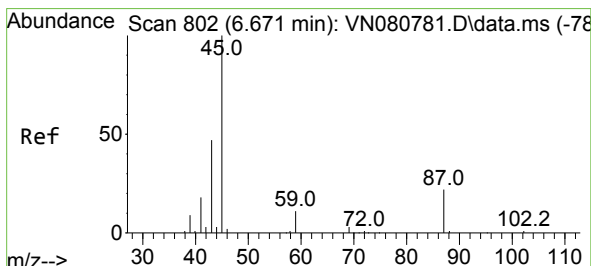
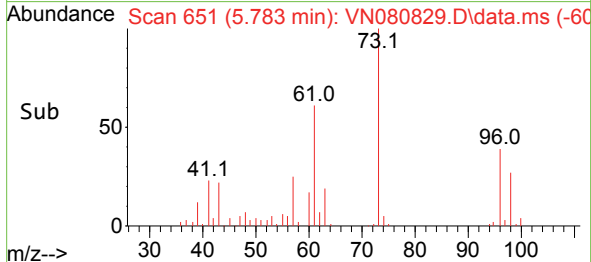
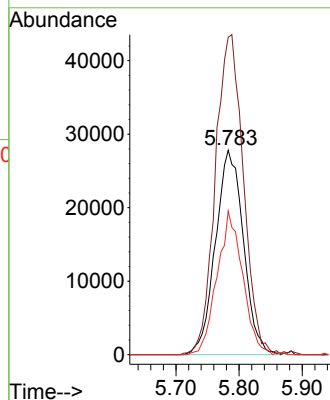
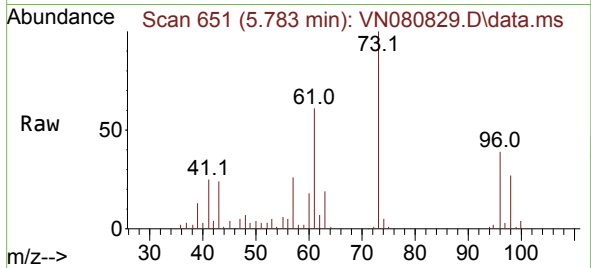




#21
trans-1,2-Dichloroethene
Concen: 48.323 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

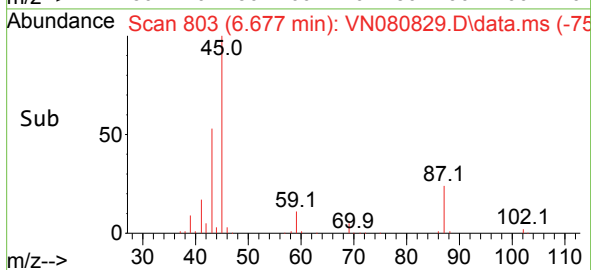
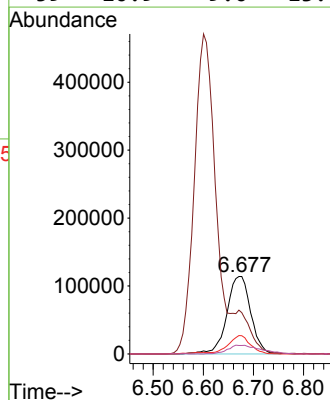
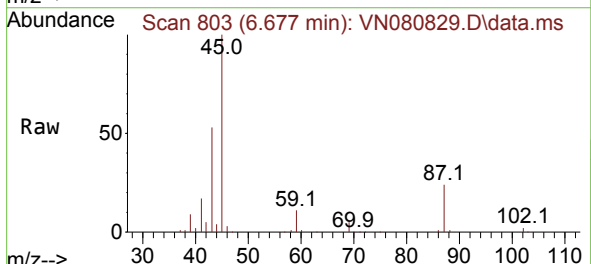
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

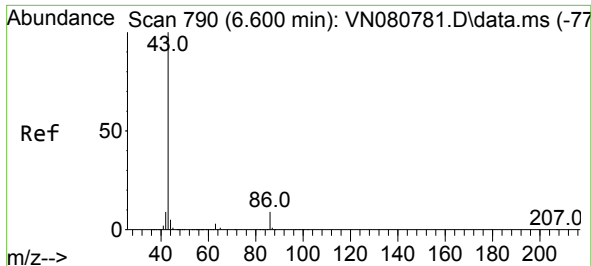
Tgt Ion: 96 Resp: 85509
Ion Ratio Lower Upper
96 100
61 155.3 112.8 169.2
98 70.3 51.0 76.4



#22
Diisopropyl ether
Concen: 53.114 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 45 Resp: 377297
Ion Ratio Lower Upper
45 100
43 52.0 41.8 62.8
87 23.5 18.1 27.1
59 10.9 9.0 13.6

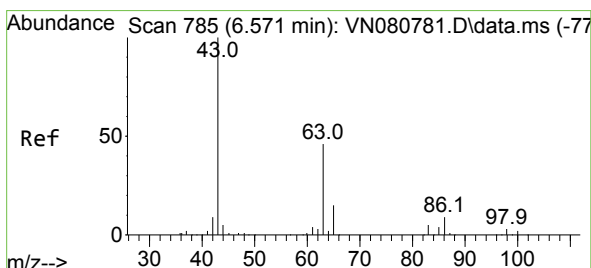
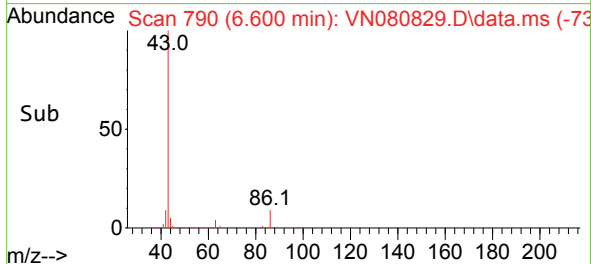
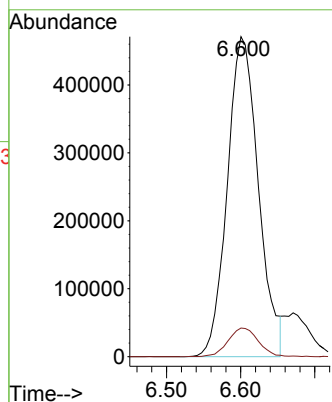
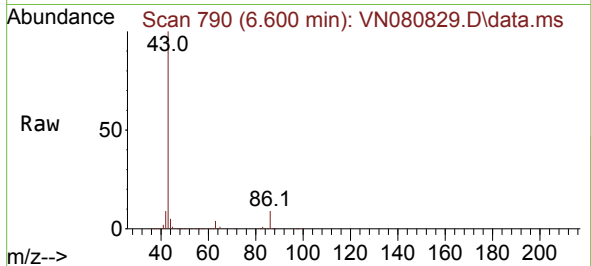




#23
 Vinyl Acetate
 Concen: 267.017 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

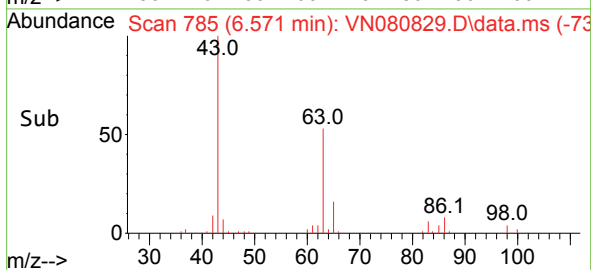
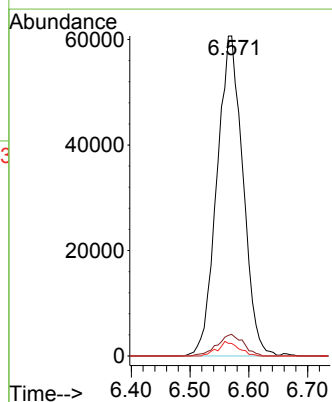
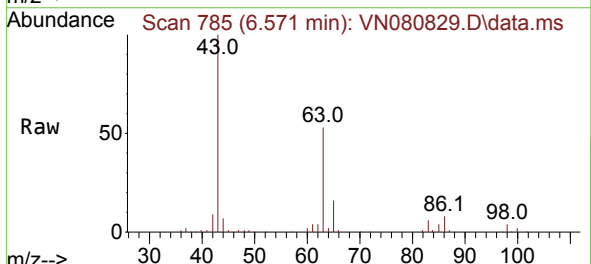
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

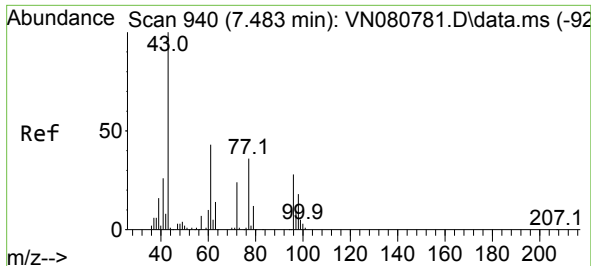
Tgt Ion: 43 Resp: 1372404
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 51.716 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

Tgt Ion: 63 Resp: 186309
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.6
 100 3.9 1.9 5.7

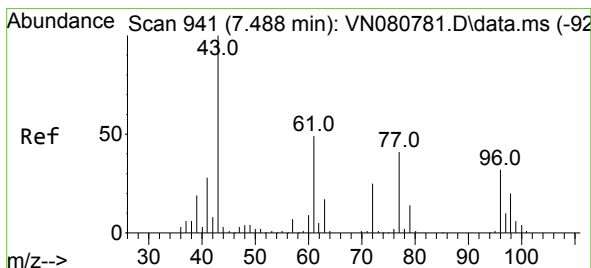
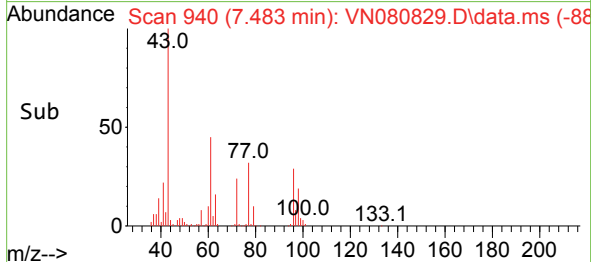
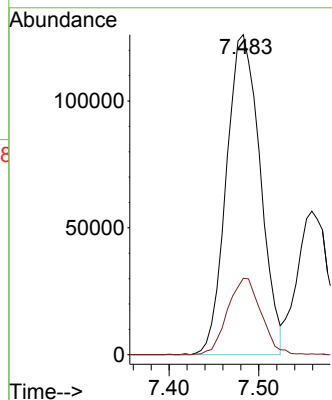
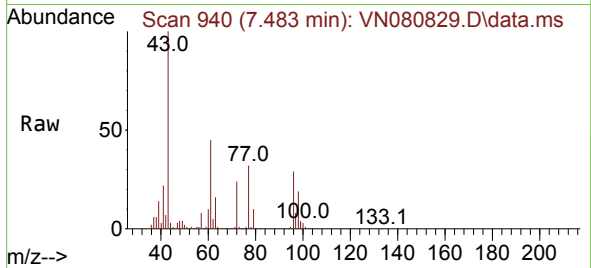




#25
2-Butanone
Concen: 238.858 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

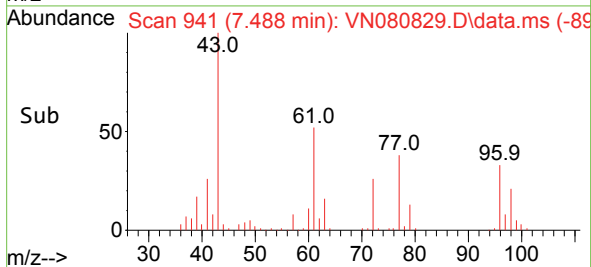
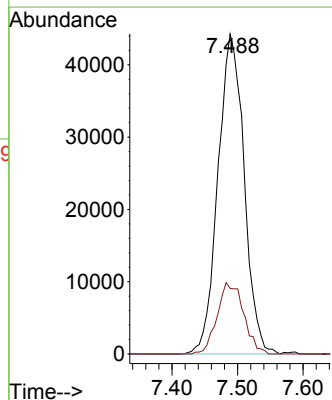
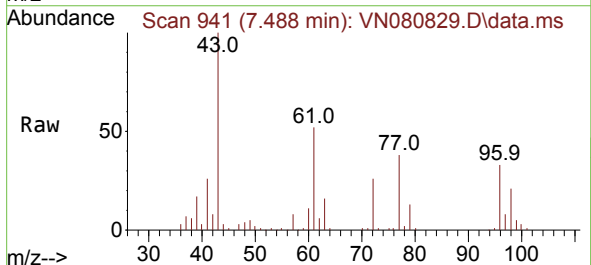
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

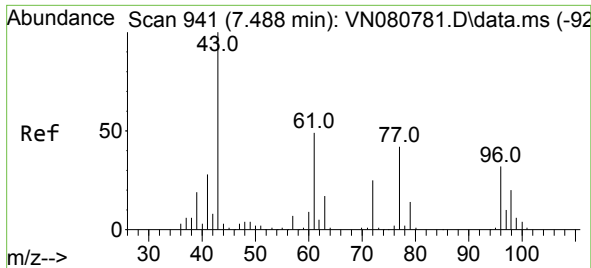
Tgt Ion: 43 Resp: 330305
Ion Ratio Lower Upper
43 100
72 23.8 19.5 29.3



#26
2,2-Dichloropropane
Concen: 42.024 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 77 Resp: 122363
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5

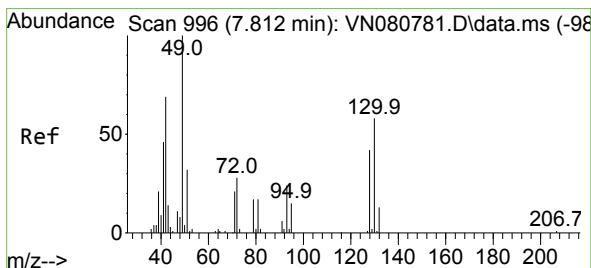
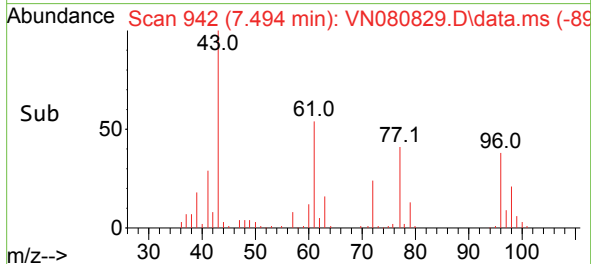
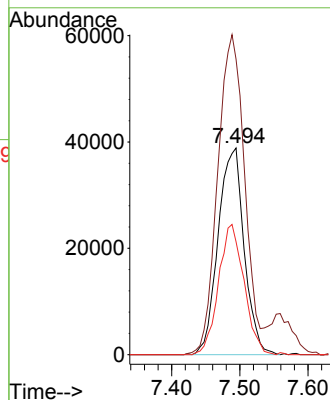
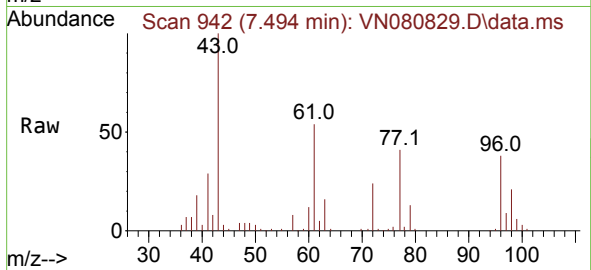




#27
cis-1,2-Dichloroethene
Concen: 50.411 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

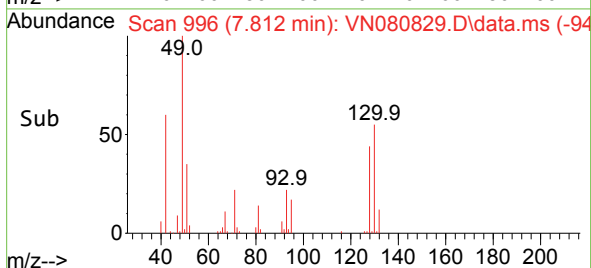
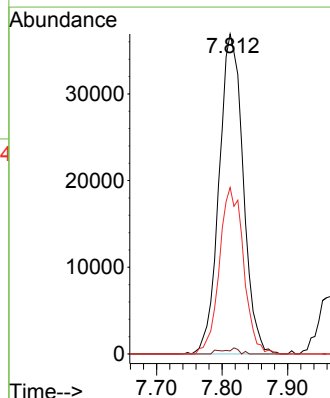
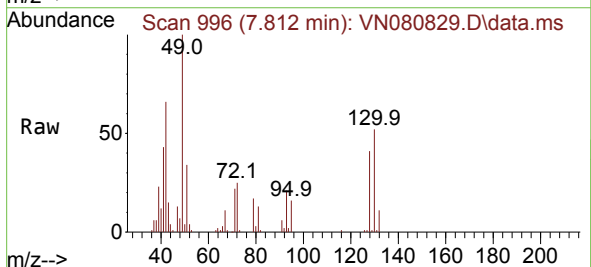
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

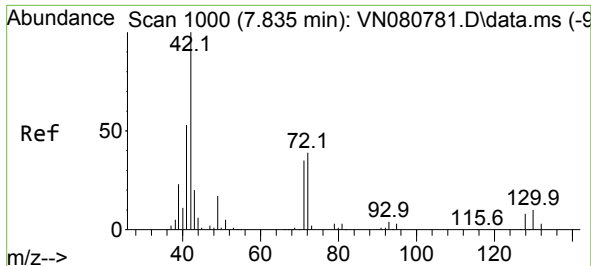
Tgt Ion: 96 Resp: 103260
Ion Ratio Lower Upper
96 100
61 160.9 0.0 325.4
98 61.6 0.0 130.4



#28
Bromochloromethane
Concen: 49.274 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 49 Resp: 93982
Ion Ratio Lower Upper
49 100
129 0.9 0.0 1.6
130 52.1 42.3 63.5





#29

Tetrahydrofuran

Concen: 248.281 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

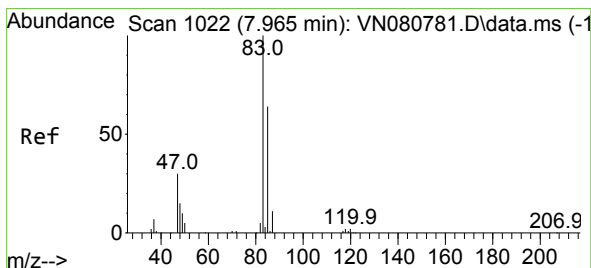
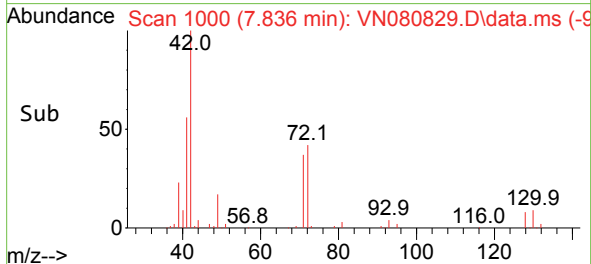
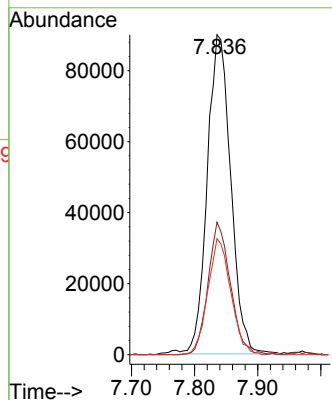
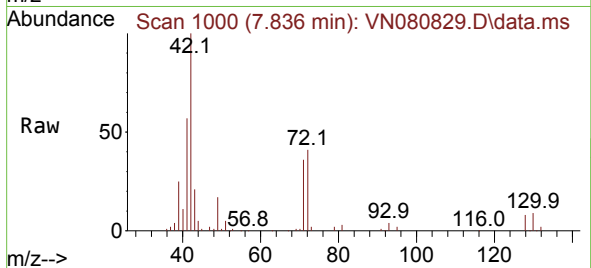
Tgt Ion: 42 Resp: 232321

Ion Ratio Lower Upper

42 100

72 39.4 31.1 46.7

71 35.5 28.3 42.5



#30

Chloroform

Concen: 50.407 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080829.D

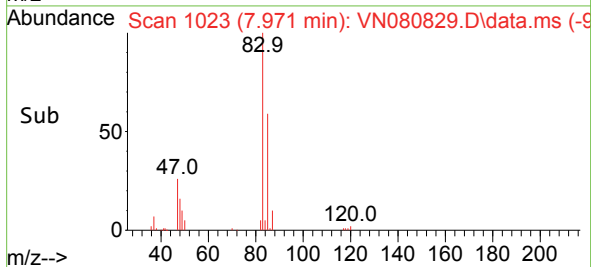
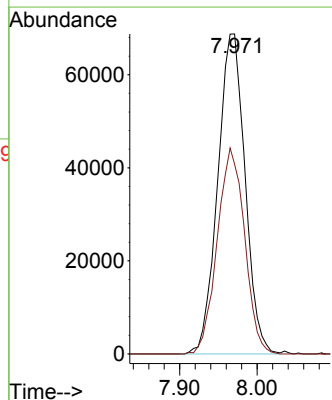
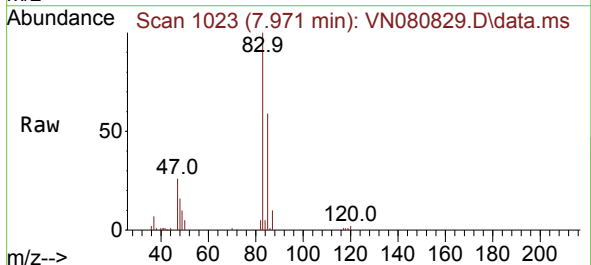
Acq: 30 Jan 2024 21:09

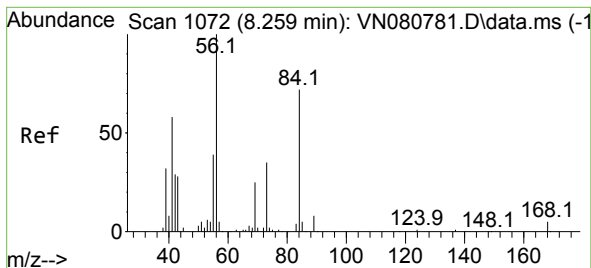
Tgt Ion: 83 Resp: 168706

Ion Ratio Lower Upper

83 100

85 59.3 51.0 76.6





#31

Cyclohexane

Concen: 44.876 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

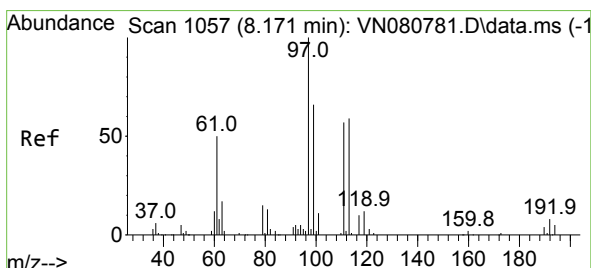
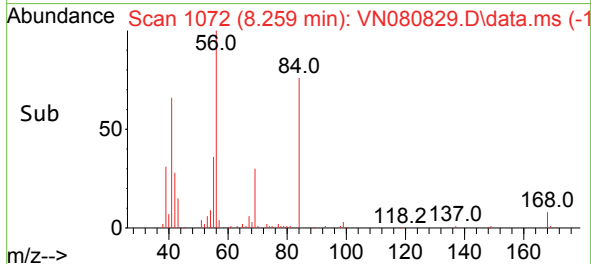
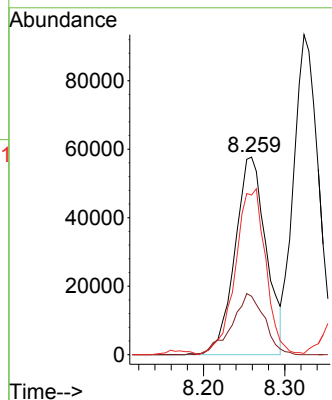
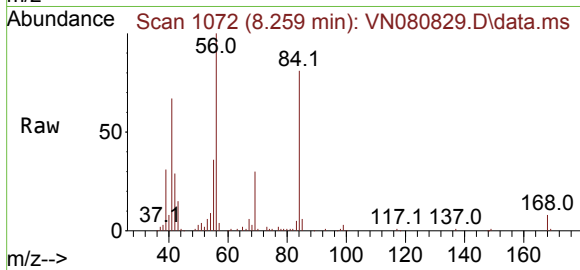
Tgt Ion: 56 Resp: 154476

Ion Ratio Lower Upper

56 100

69 29.5 20.1 30.1

84 78.8 56.9 85.3



#32

1,1,1-Trichloroethane

Concen: 51.261 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

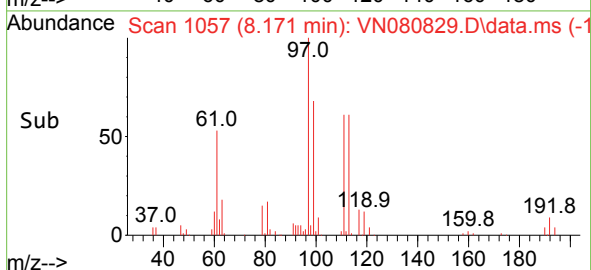
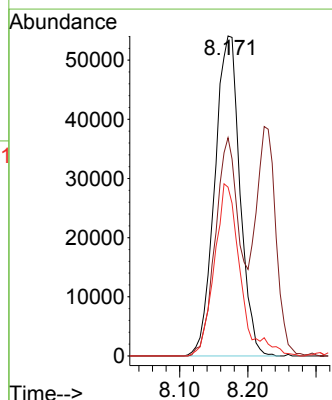
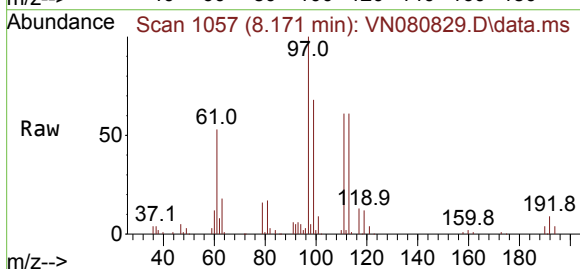
Tgt Ion: 97 Resp: 139126

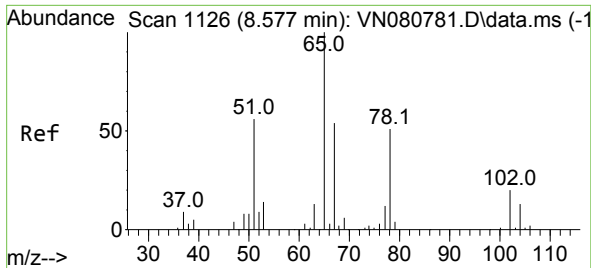
Ion Ratio Lower Upper

97 100

99 66.1 53.4 80.0

61 55.5 43.8 65.8

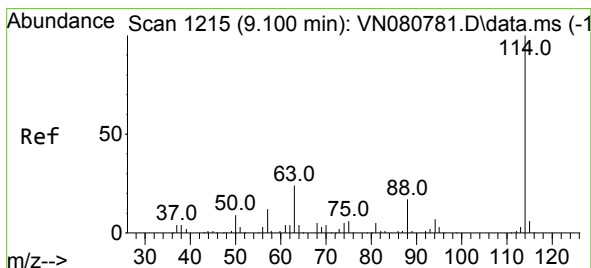
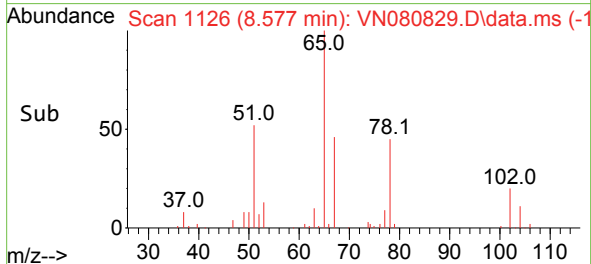
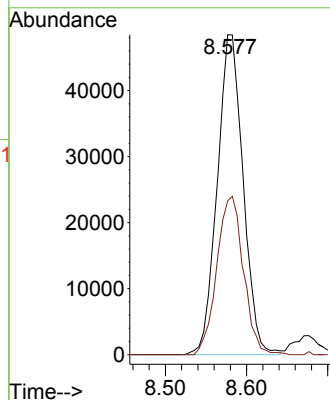
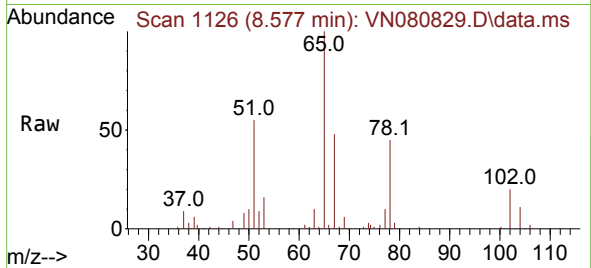




#33
 1,2-Dichloroethane-d4
 Concen: 53.449 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

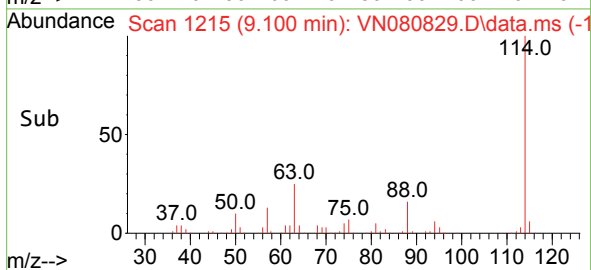
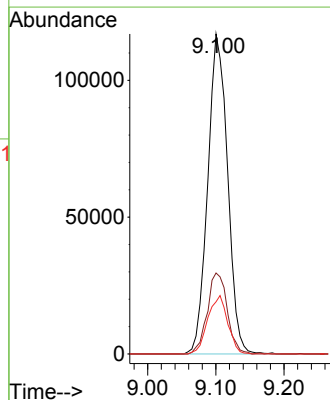
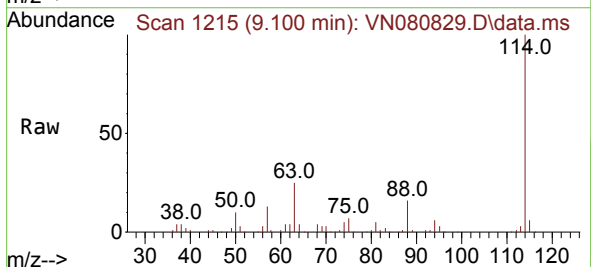
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

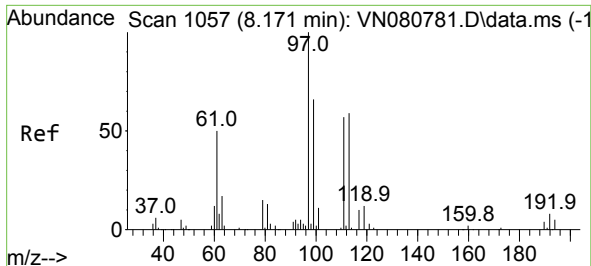
Tgt Ion: 65 Resp: 107296
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

Tgt Ion: 114 Resp: 237014
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 48.0
 88 16.3 0.0 34.8

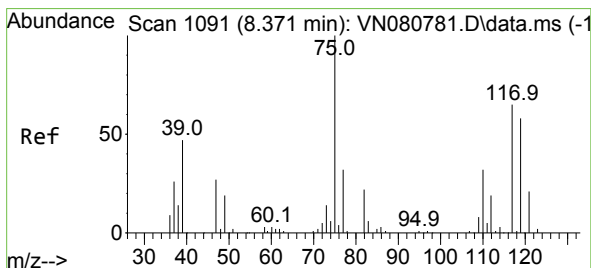
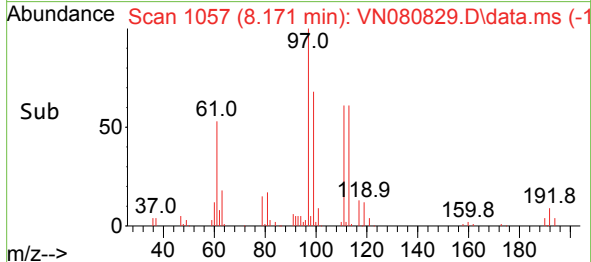
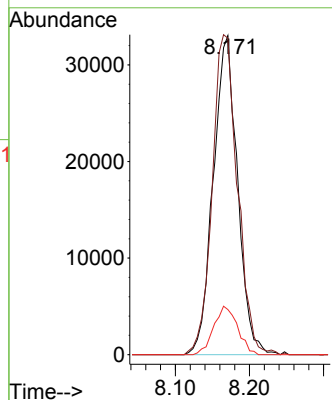
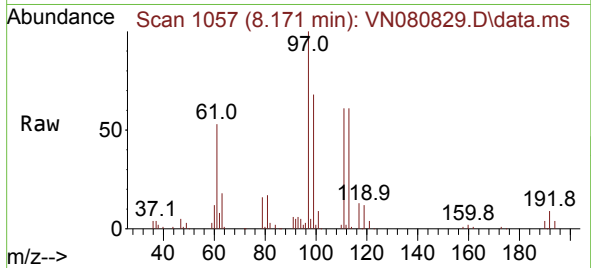




#35
Dibromofluoromethane
Concen: 51.808 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

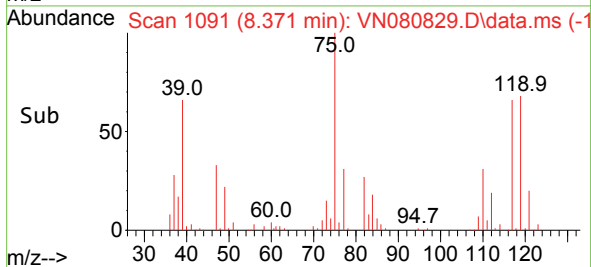
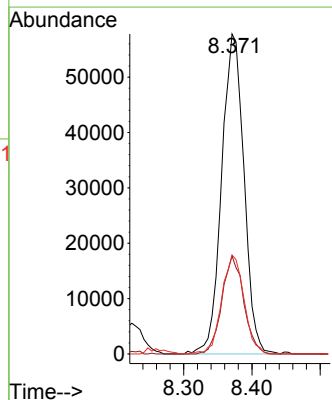
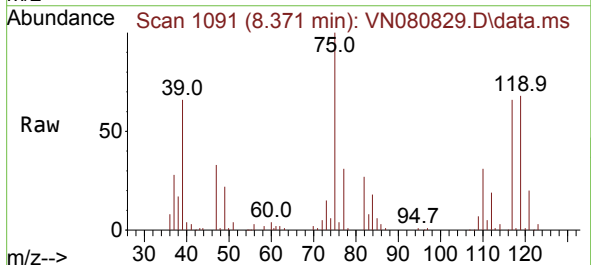
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

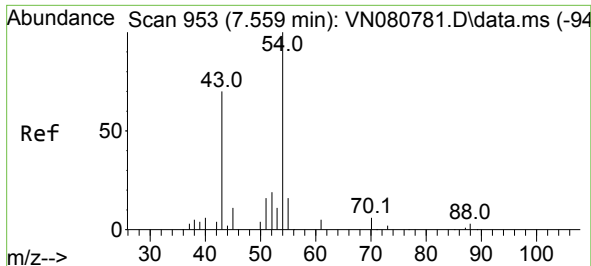
Tgt Ion:113 Resp: 75124
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 14.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 48.917 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 75 Resp: 131841
Ion Ratio Lower Upper
75 100
110 29.9 16.0 48.0
77 30.9 25.8 38.6

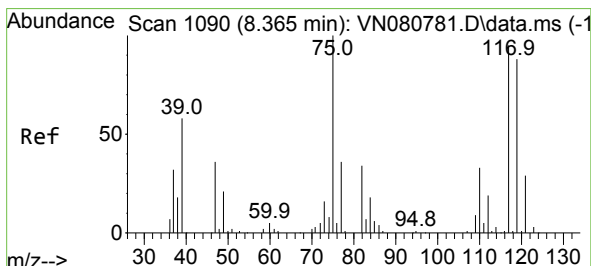
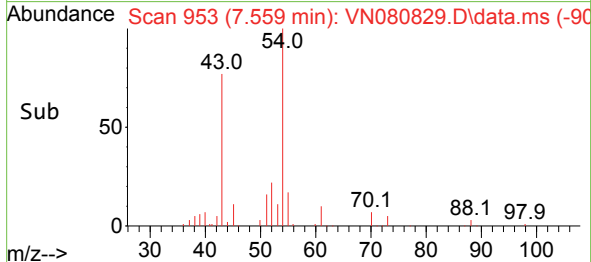
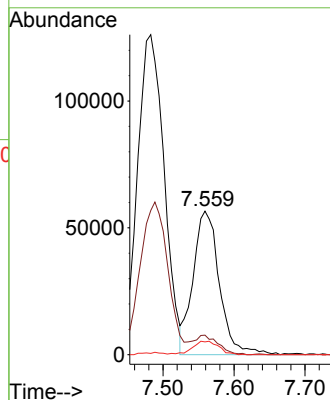
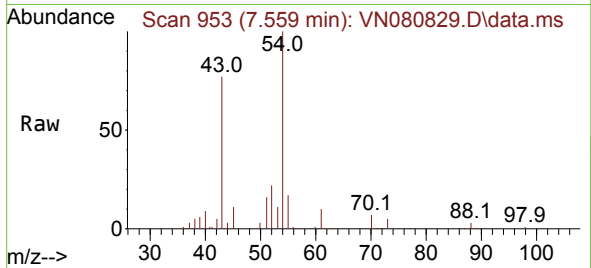




#37
Ethyl Acetate
Concen: 52.730 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

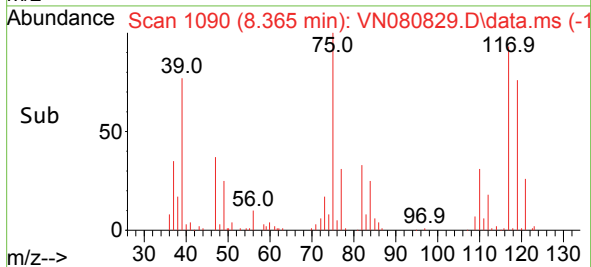
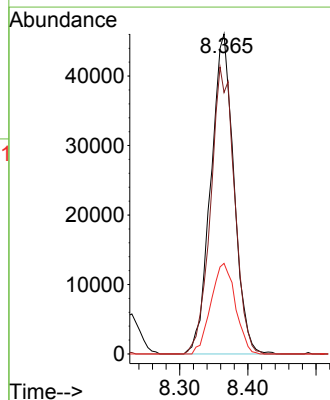
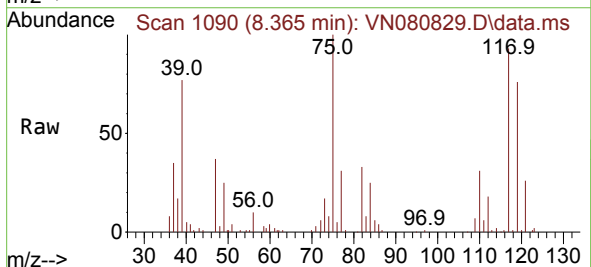
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

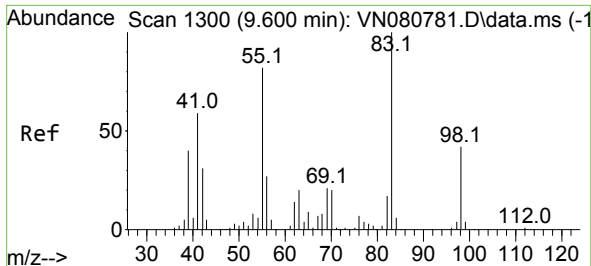
Tgt Ion: 43 Resp: 146298
Ion Ratio Lower Upper
43 100
61 12.4 10.6 15.8
70 9.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 49.973 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 117 Resp: 108519
Ion Ratio Lower Upper
117 100
119 81.7 73.4 110.2
121 28.3 24.4 36.6

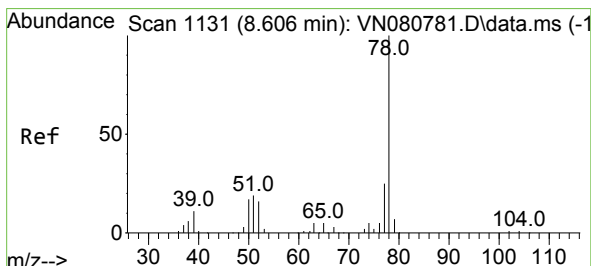
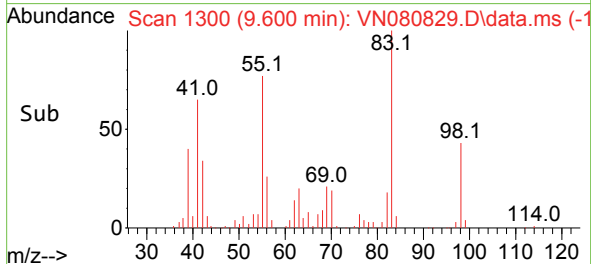
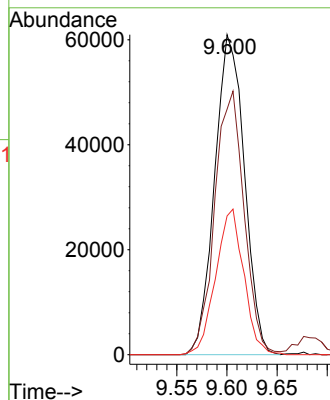
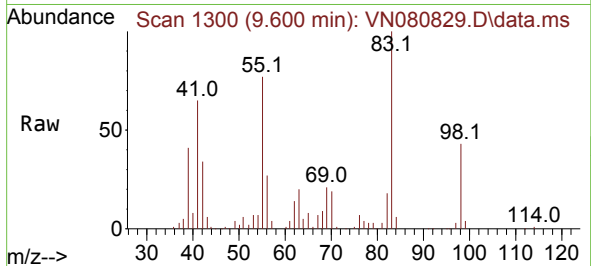




#39
Methylcyclohexane
Concen: 46.978 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

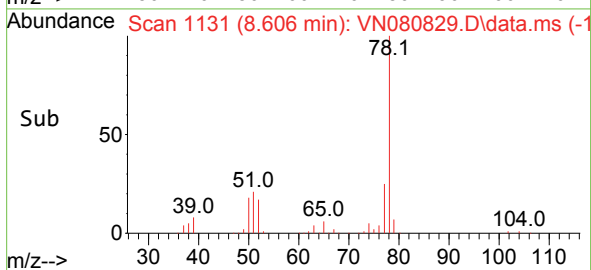
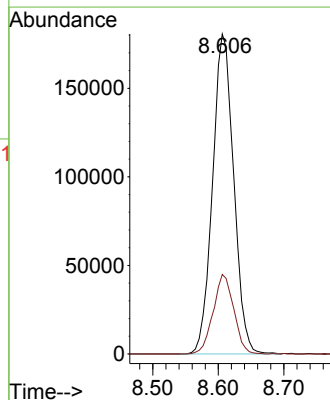
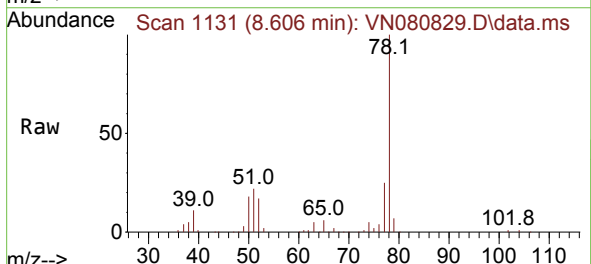
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

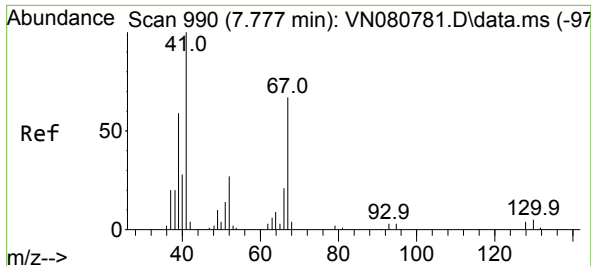
Tgt Ion: 83 Resp: 125849
Ion Ratio Lower Upper
83 100
55 76.7 65.7 98.5
98 43.3 33.8 50.6



#40
Benzene
Concen: 51.024 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 78 Resp: 404180
Ion Ratio Lower Upper
78 100
77 24.9 20.4 30.6



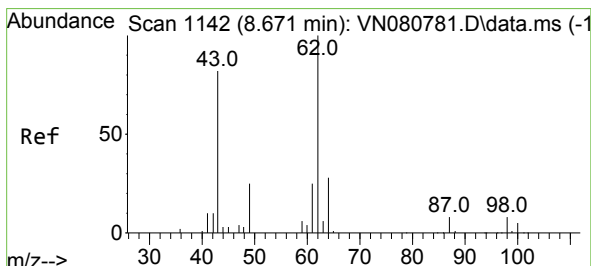
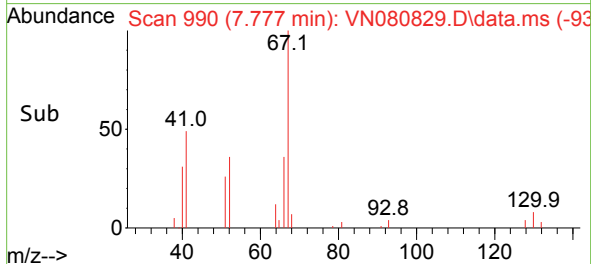
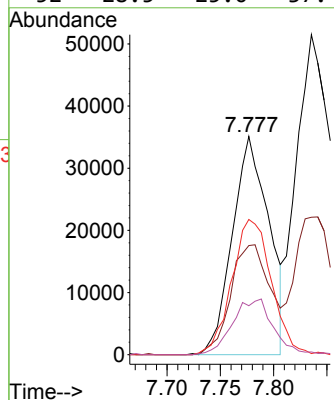
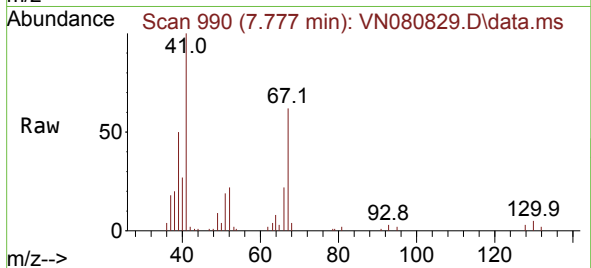


#41
Methacrylonitrile
Concen: 51.121 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 83596

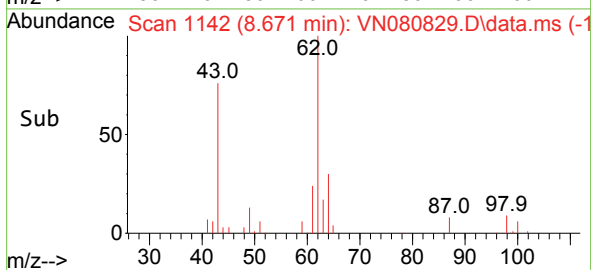
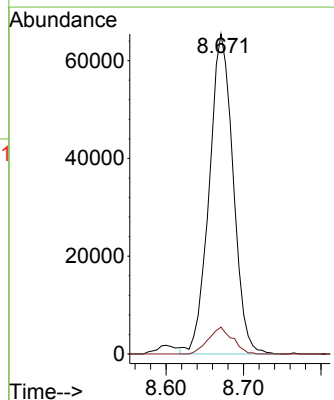
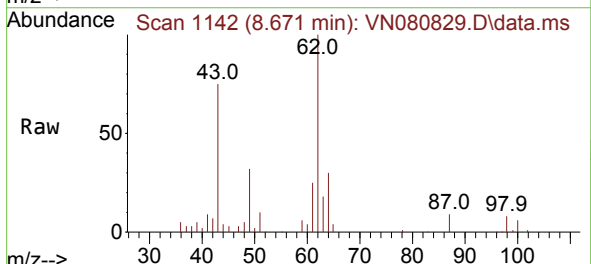
Ion	Ratio	Lower	Upper
41	100		
39	54.6	48.4	72.6
67	67.3	56.8	85.2
52	28.5	25.0	37.4

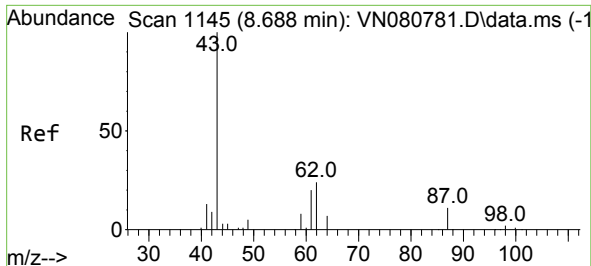


#42
1,2-Dichloroethane
Concen: 54.359 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 62 Resp: 140283

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.0

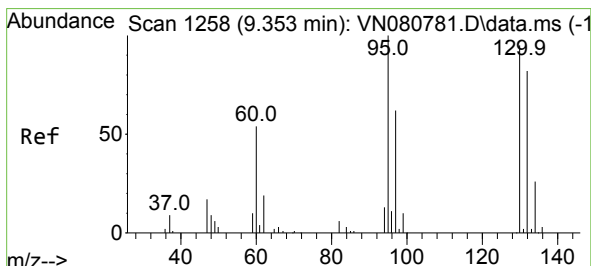
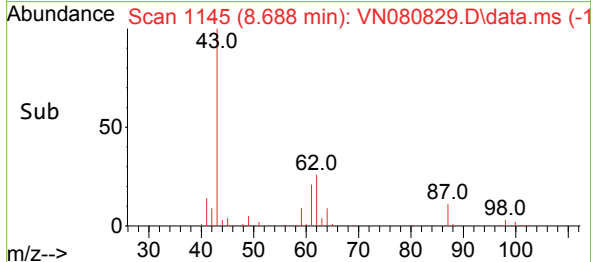
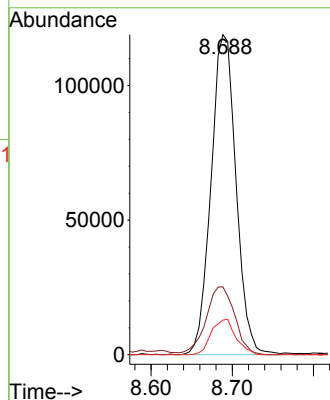
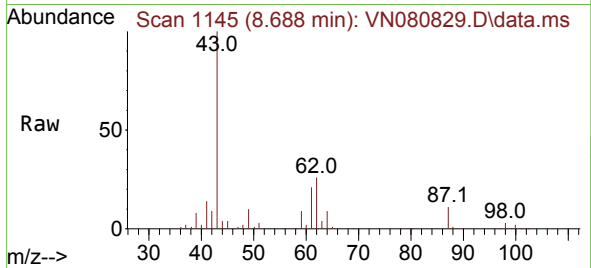




#43
Isopropyl Acetate
Concen: 50.418 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

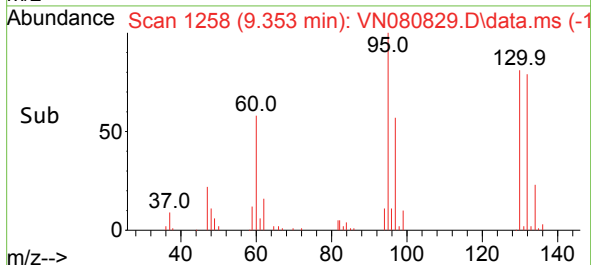
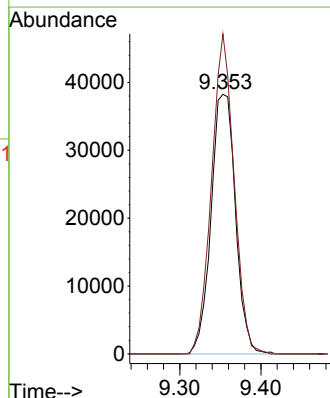
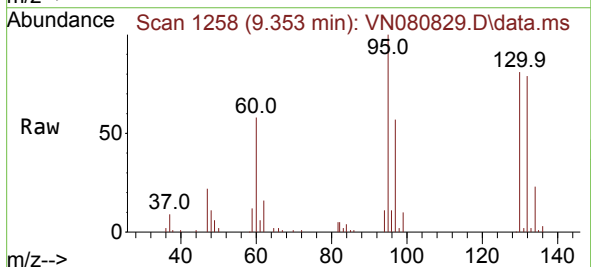
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

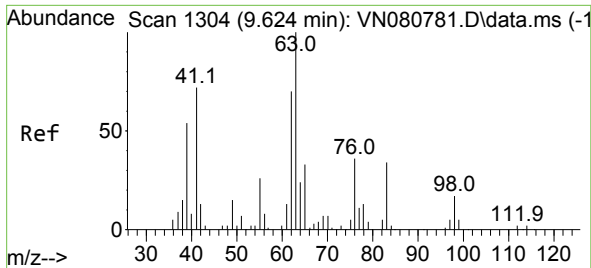
Tgt Ion: 43 Resp: 254681
Ion Ratio Lower Upper
43 100
61 24.3 19.9 29.9
87 10.8 9.0 13.6



#44
Trichloroethene
Concen: 45.853 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:130 Resp: 80002
Ion Ratio Lower Upper
130 100
95 123.3 0.0 210.4

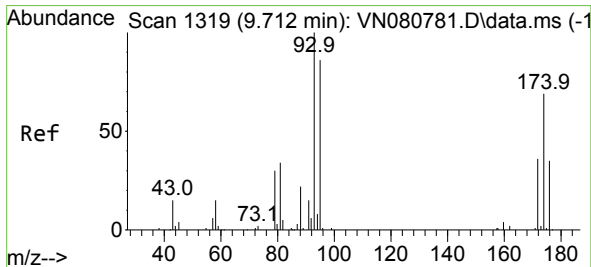
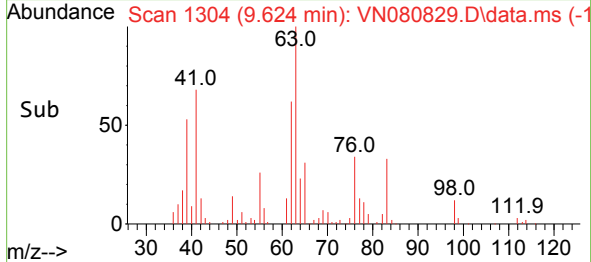
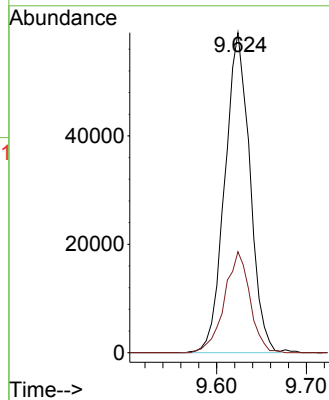
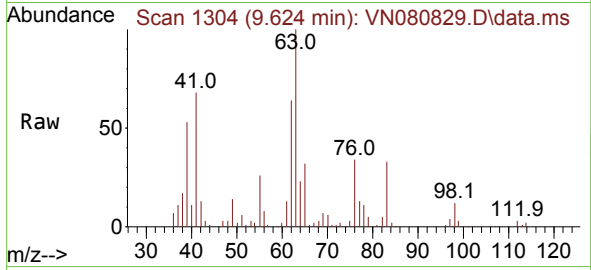




#45
1,2-Dichloropropane
Concen: 53.299 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

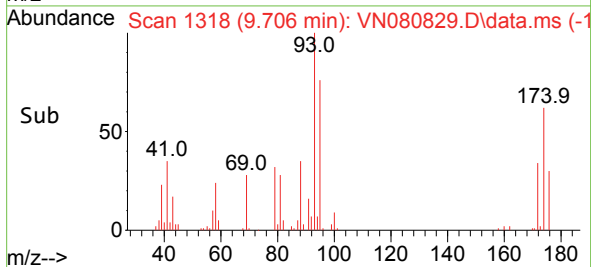
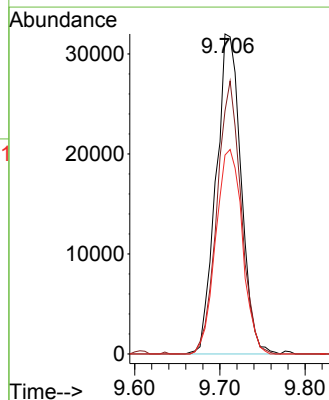
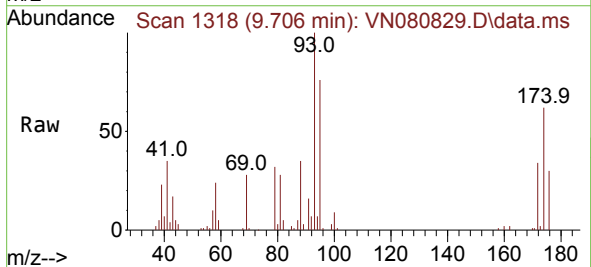
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

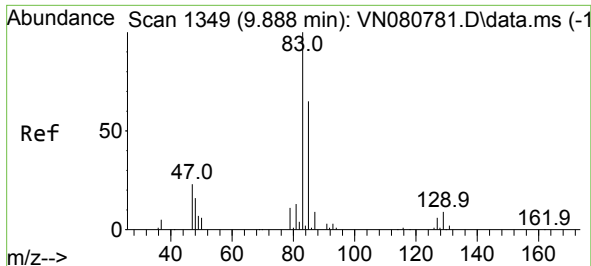
Tgt Ion: 63 Resp: 114259
Ion Ratio Lower Upper
63 100
65 31.5 26.1 39.1



#46
Dibromomethane
Concen: 51.388 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 93 Resp: 65304
Ion Ratio Lower Upper
93 100
95 81.9 68.1 102.1
174 68.1 57.2 85.8

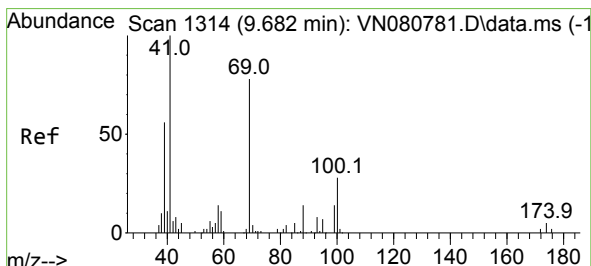
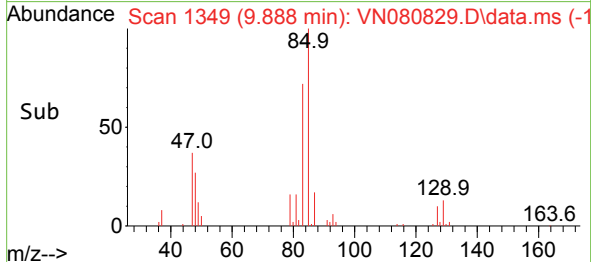
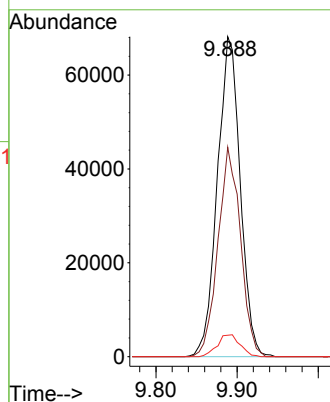
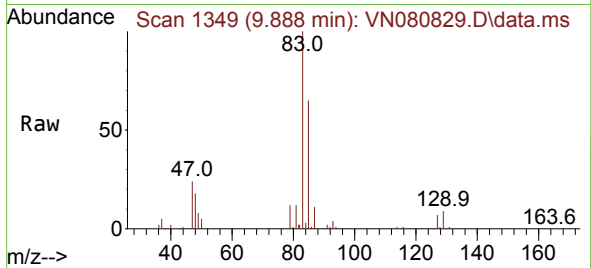




#47
Bromodichloromethane
Concen: 51.695 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

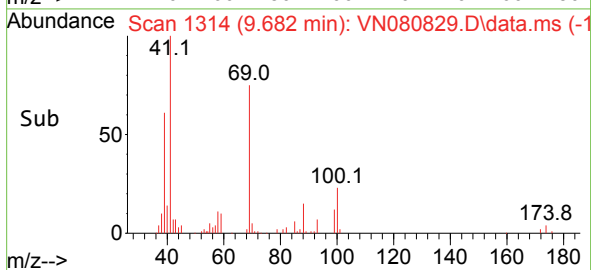
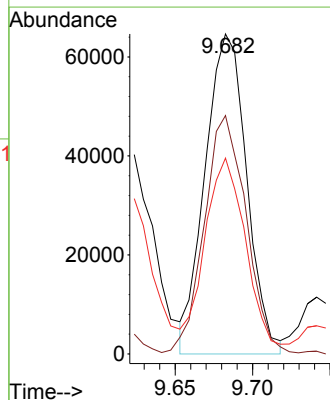
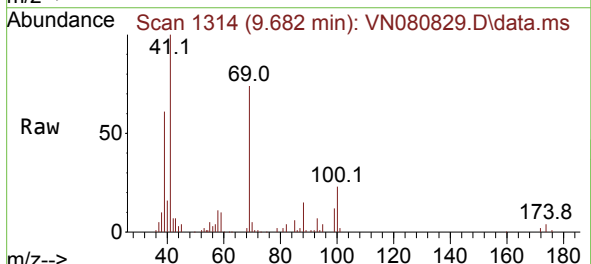
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

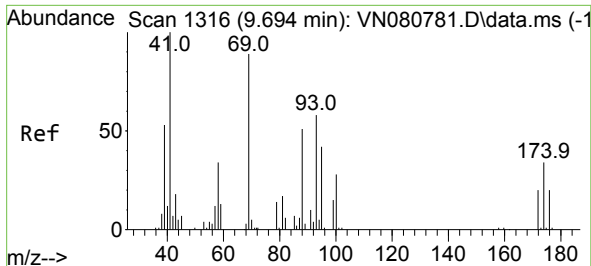
Tgt Ion: 83 Resp: 133376
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5
127 6.7 4.6 7.0



#48
Methyl methacrylate
Concen: 49.294 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 41 Resp: 120715
Ion Ratio Lower Upper
41 100
69 74.4 62.2 93.2
39 60.8 47.6 71.4





#49

1,4-Dioxane

Concen: 1028.341 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

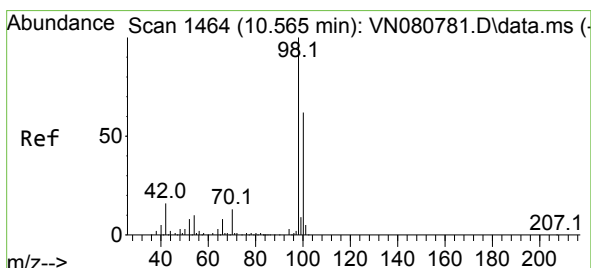
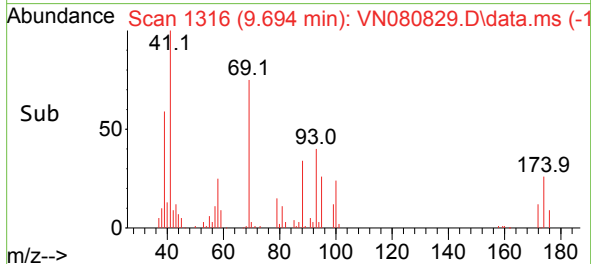
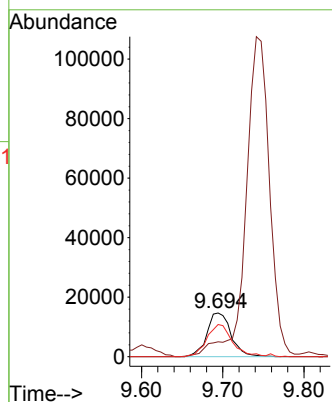
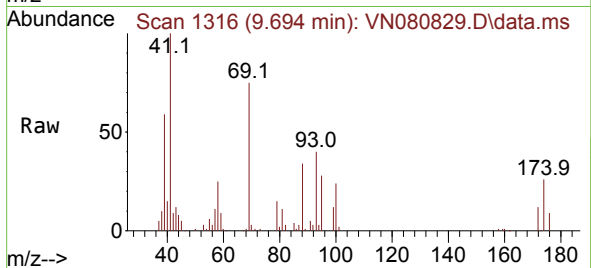
Tgt Ion: 88 Resp: 30334

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 77.8 63.9 95.9



#50

Toluene-d8

Concen: 52.387 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080829.D

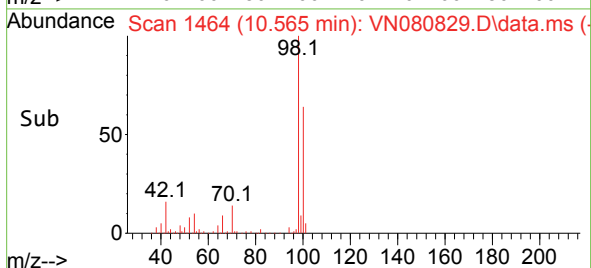
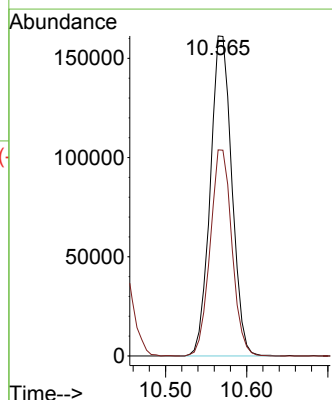
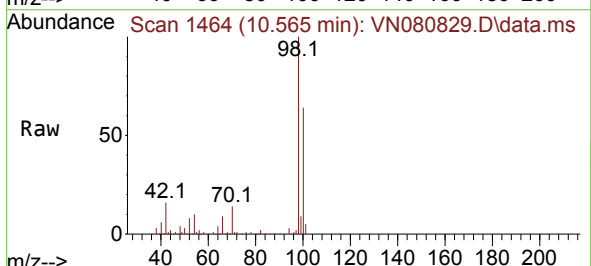
Acq: 30 Jan 2024 21:09

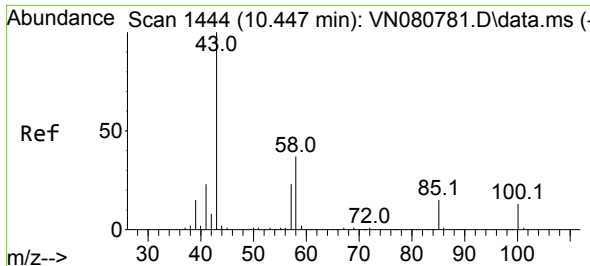
Tgt Ion: 98 Resp: 297318

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

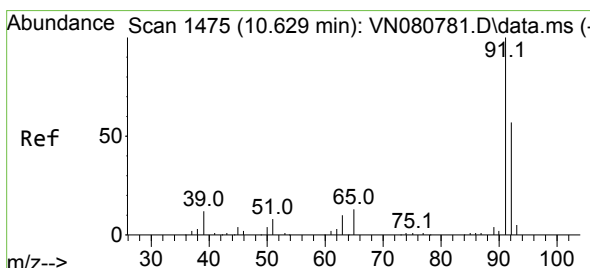
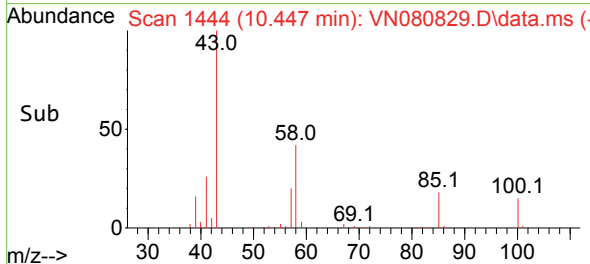
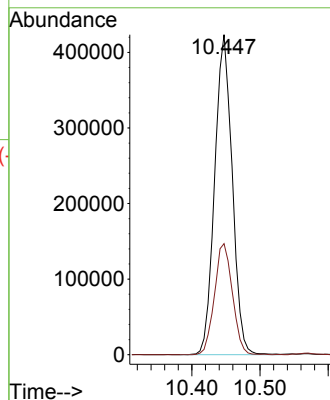
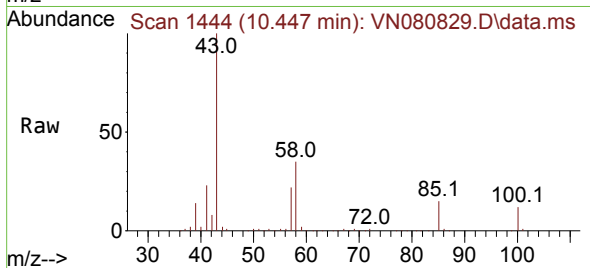




#51
4-Methyl-2-Pentanone
Concen: 268.370 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

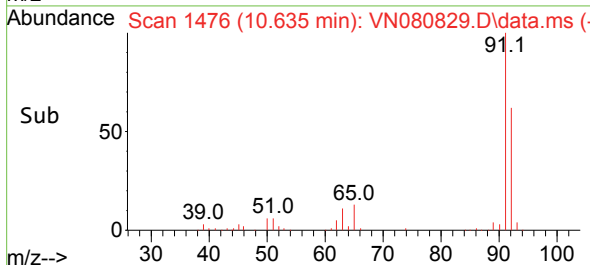
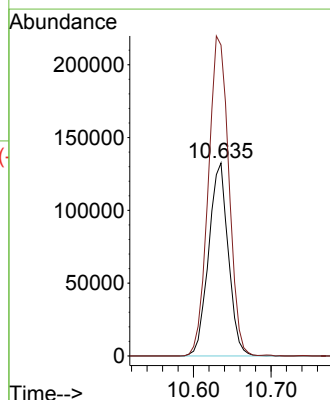
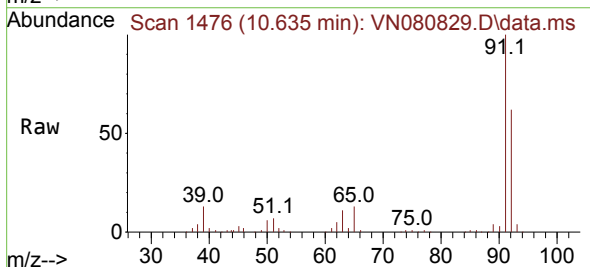
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

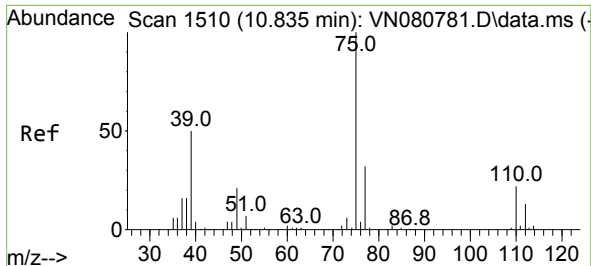
Tgt Ion: 43 Resp: 757830
Ion Ratio Lower Upper
43 100
58 35.6 29.4 44.0



#52
Toluene
Concen: 51.290 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 92 Resp: 232949
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 50.361 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

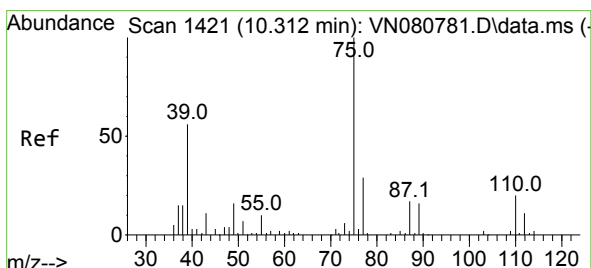
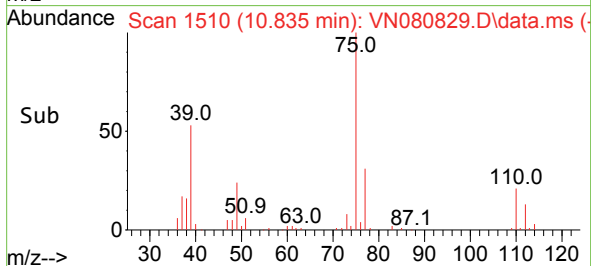
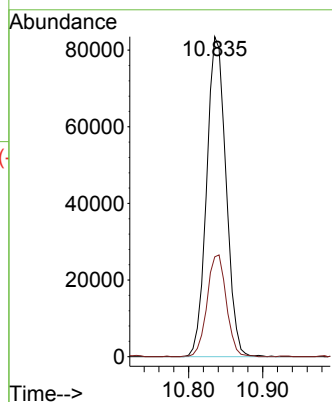
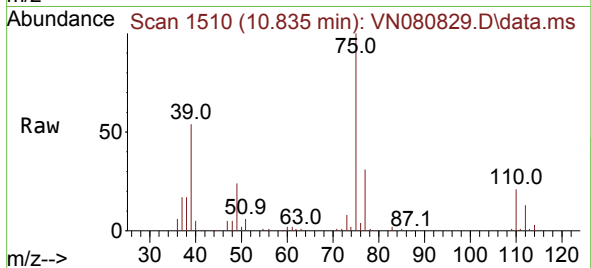
VSTDCCC050EC

Tgt Ion: 75 Resp: 151367

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.399 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

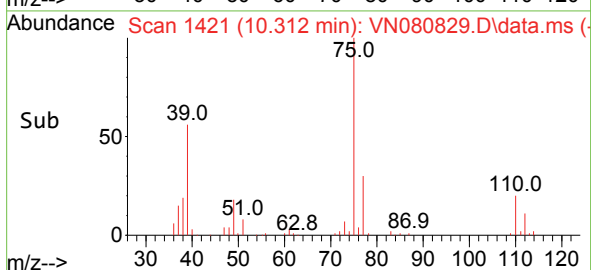
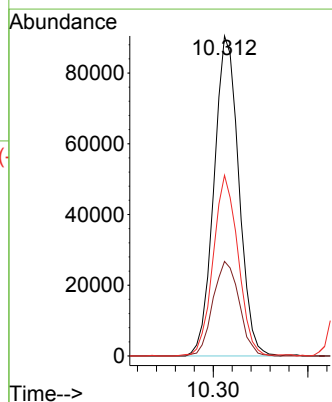
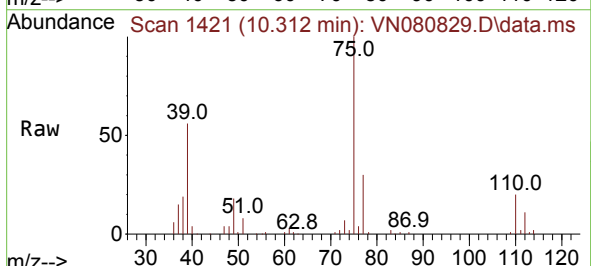
Tgt Ion: 75 Resp: 164727

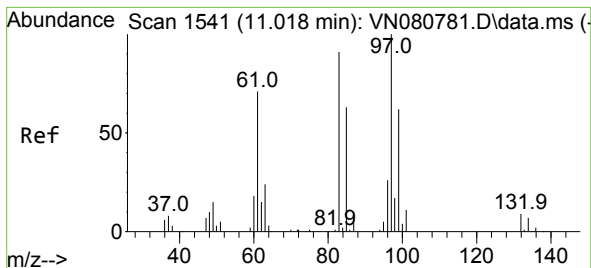
Ion Ratio Lower Upper

75 100

77 29.6 23.3 34.9

39 56.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 51.185 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 89343

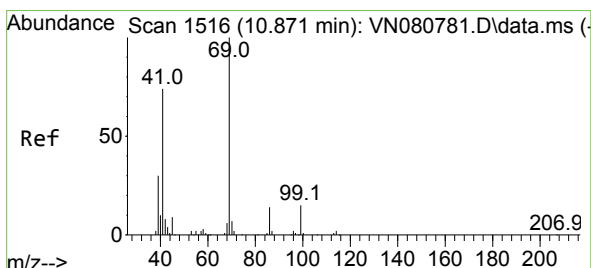
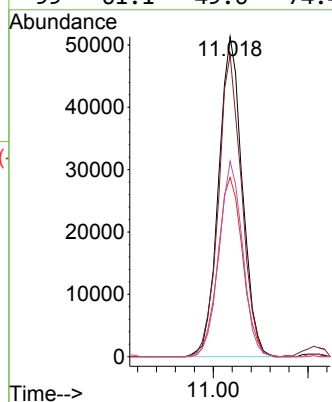
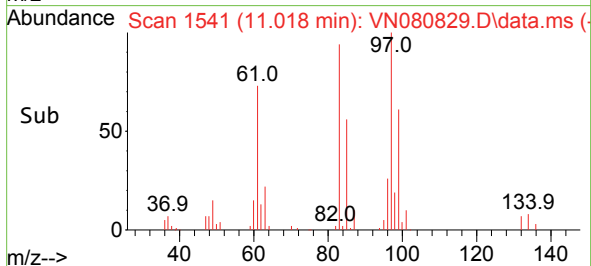
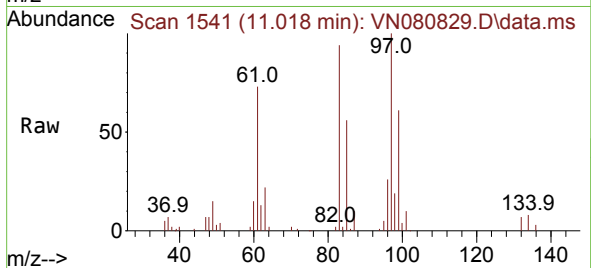
Ion Ratio Lower Upper

97 100

83 94.3 72.9 109.3

85 56.0 50.2 75.2

99 61.1 49.6 74.4



#56

Ethyl methacrylate

Concen: 57.022 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

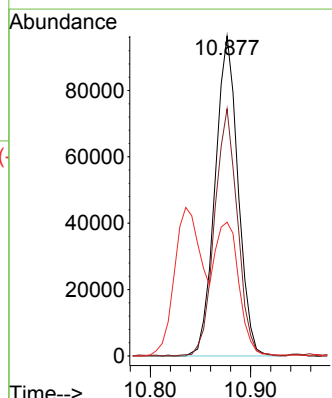
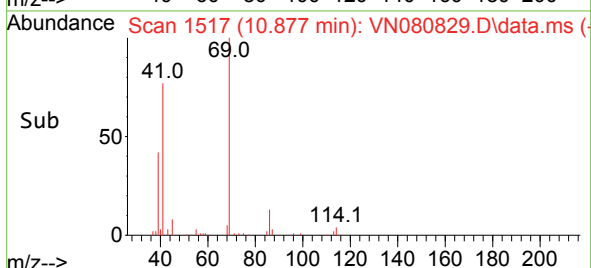
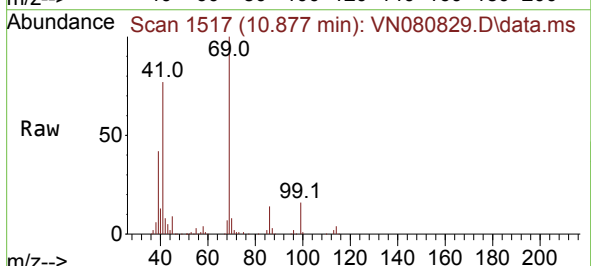
Tgt Ion: 69 Resp: 153006

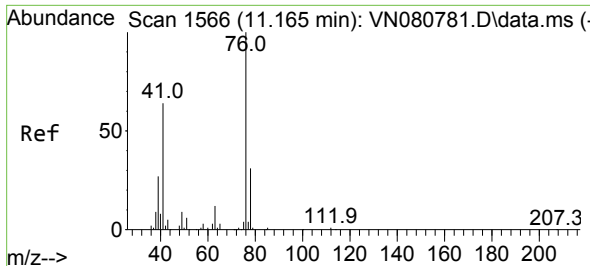
Ion Ratio Lower Upper

69 100

41 77.3 61.0 91.6

39 43.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 52.566 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

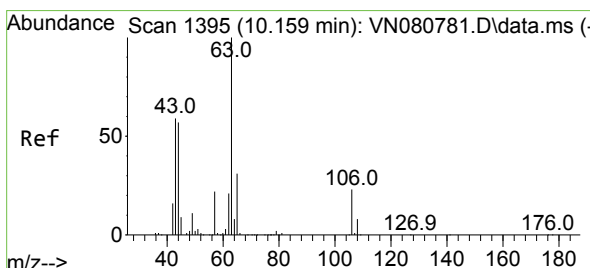
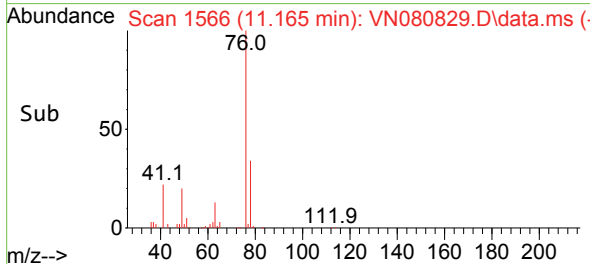
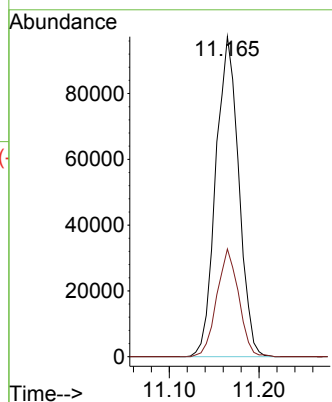
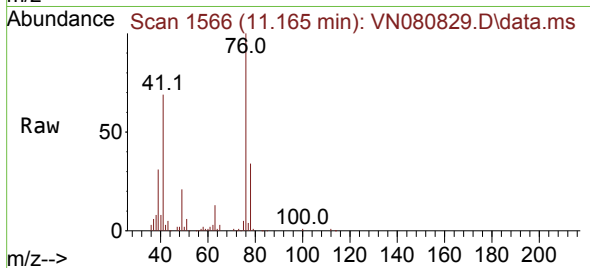
VSTDCCC050EC

Tgt Ion: 76 Resp: 172678

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 267.375 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080829.D

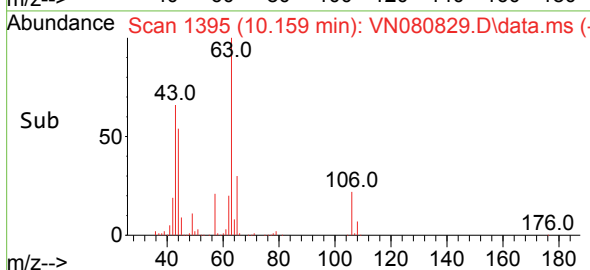
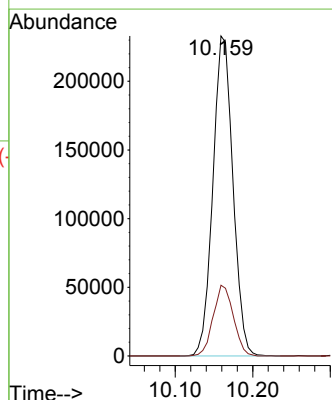
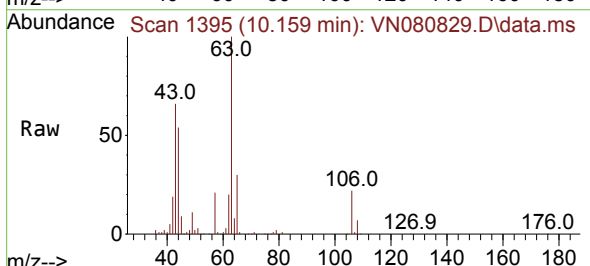
Acq: 30 Jan 2024 21:09

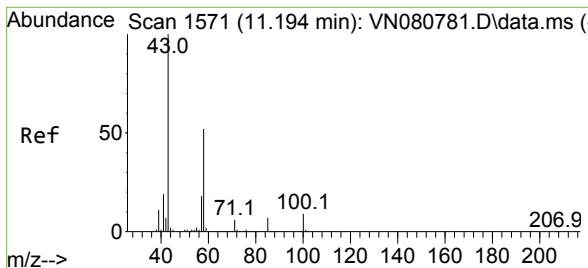
Tgt Ion: 63 Resp: 418240

Ion Ratio Lower Upper

63 100

106 22.3 18.6 28.0

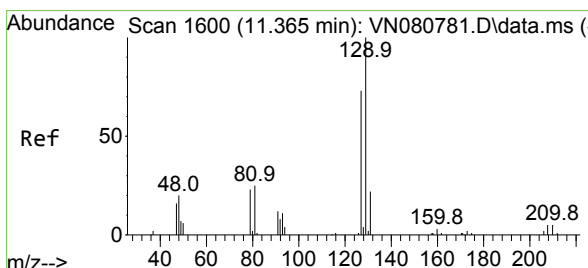
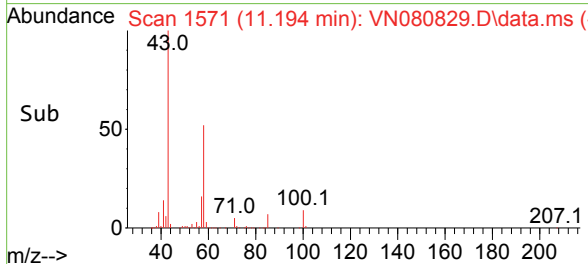
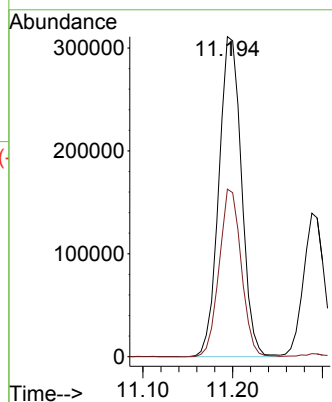
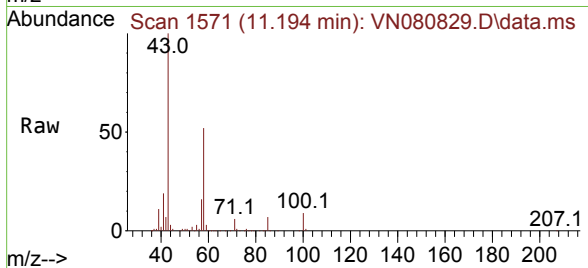




#59
2-Hexanone
Concen: 248.591 ug/l
RT: 11.194 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

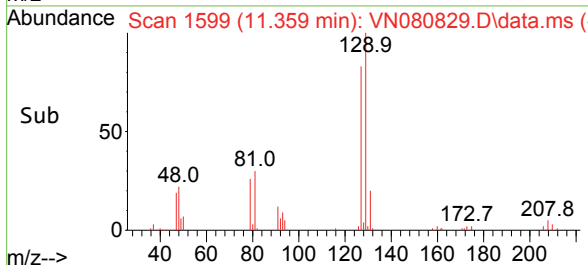
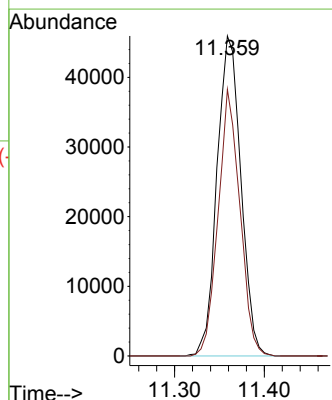
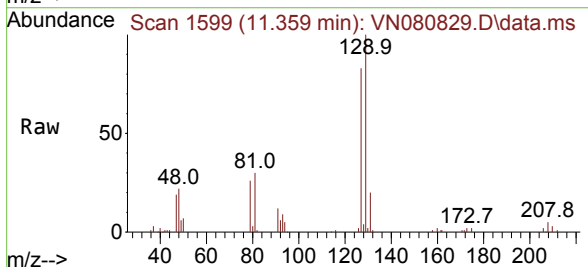
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

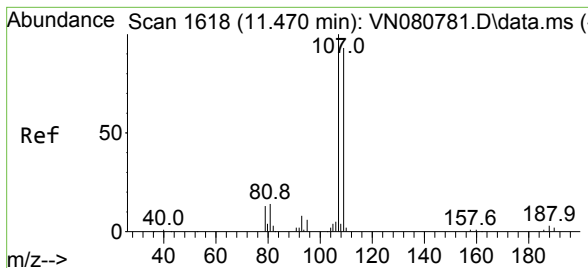
Tgt Ion: 43 Resp: 545275
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8



#60
Dibromochloromethane
Concen: 52.295 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:129 Resp: 84904
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.2

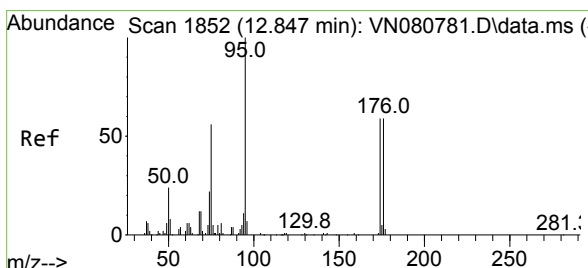
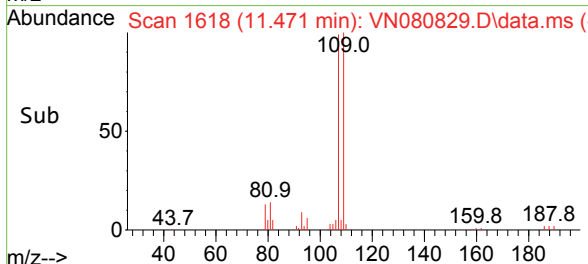
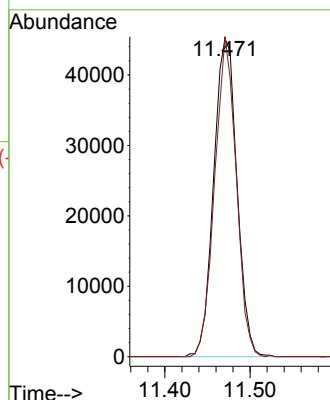
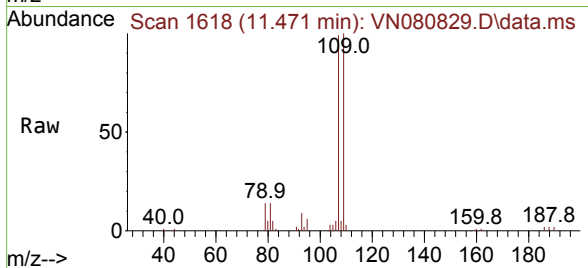




#61
1,2-Dibromoethane
Concen: 52.374 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

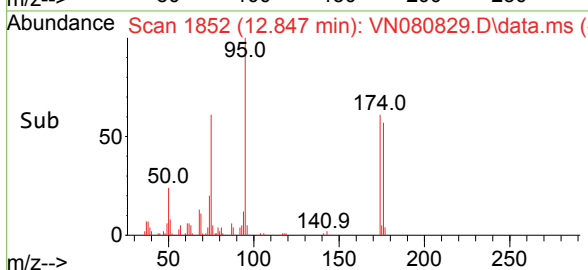
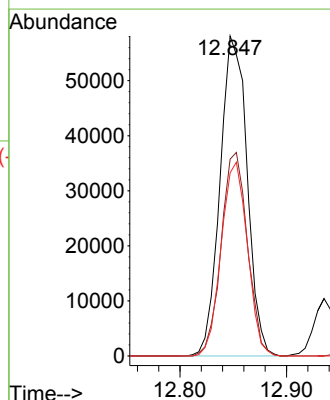
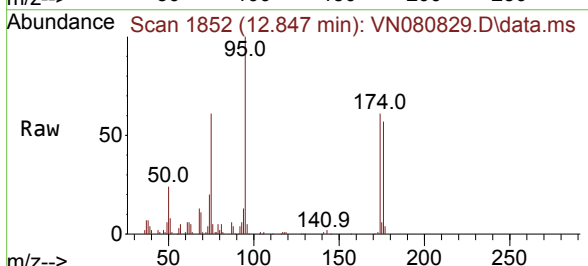
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

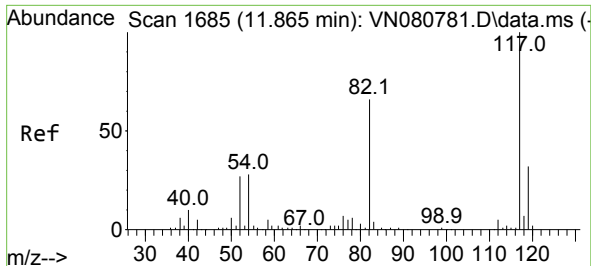
Tgt Ion:107 Resp: 85675
Ion Ratio Lower Upper
107 100
109 92.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 51.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 95 Resp: 102486
Ion Ratio Lower Upper
95 100
174 61.8 0.0 120.4
176 58.7 0.0 121.0

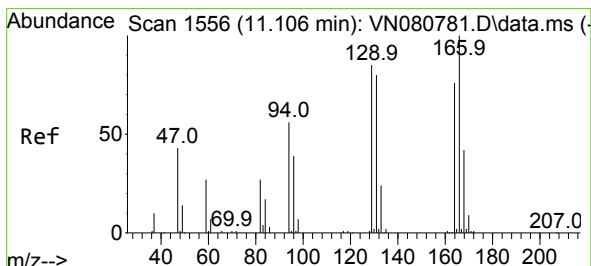
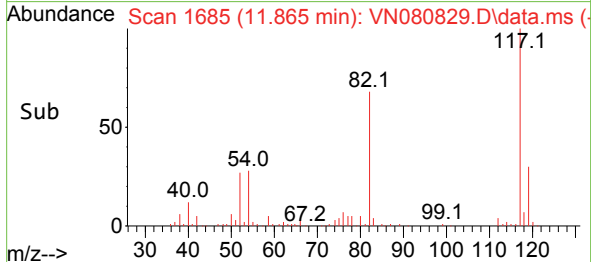
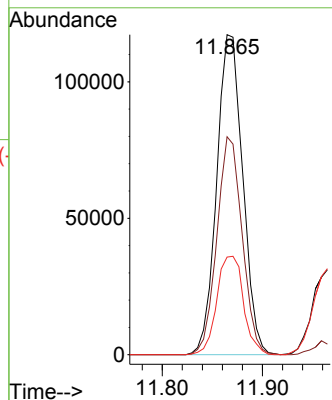
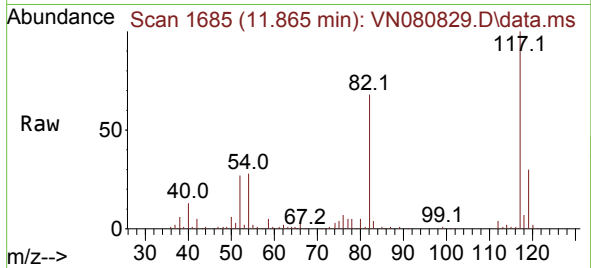




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

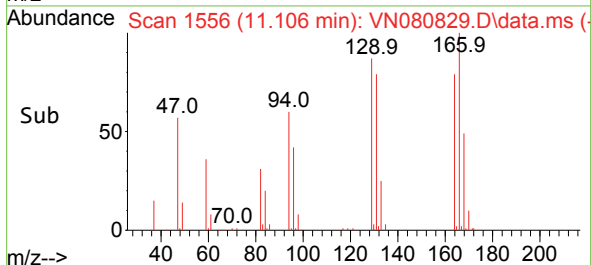
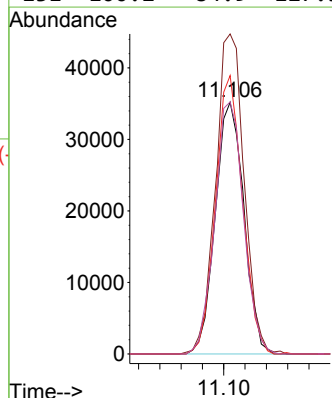
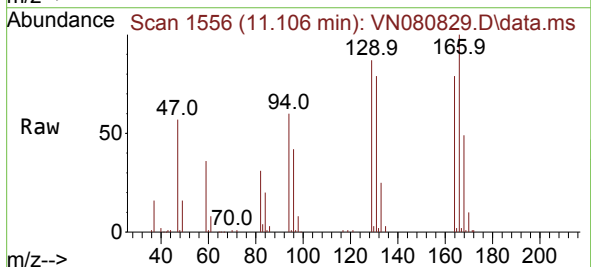
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

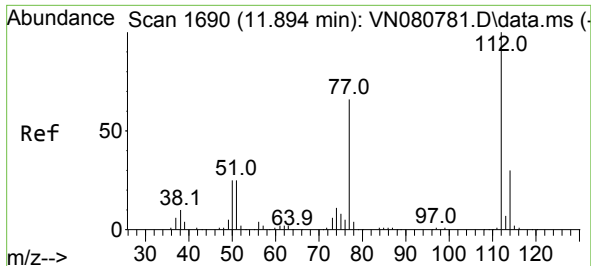
Tgt Ion:117 Resp: 211641
Ion Ratio Lower Upper
117 100
82 68.1 52.7 79.1
119 30.5 25.3 37.9



#64
Tetrachloroethene
Concen: 46.985 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:164 Resp: 65360
Ion Ratio Lower Upper
164 100
166 127.2 105.8 158.6
129 110.7 89.6 134.4
131 100.2 84.9 127.3

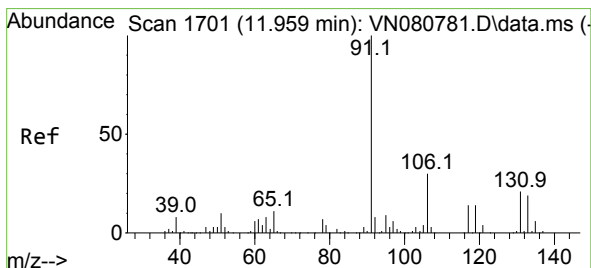
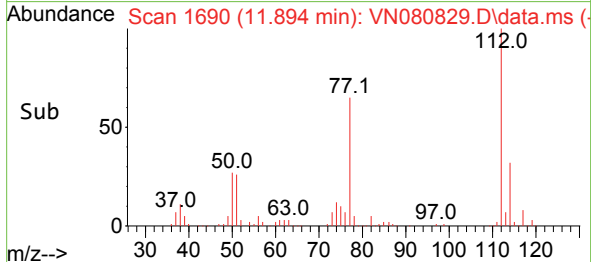
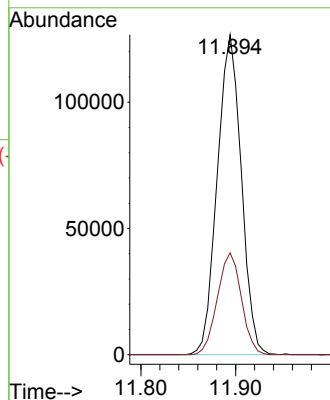
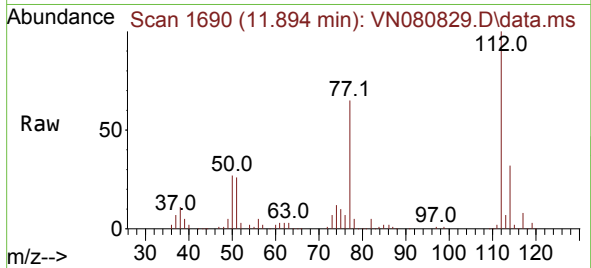




#65
Chlorobenzene
Concen: 48.332 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

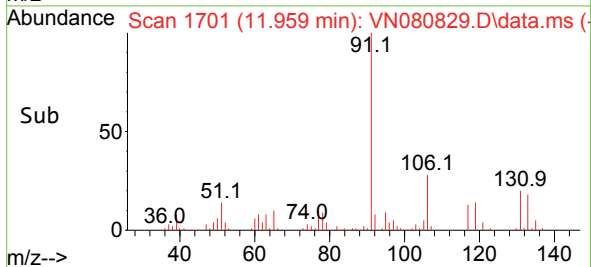
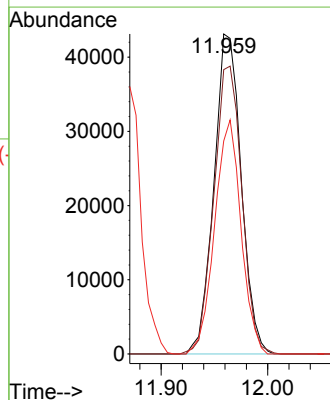
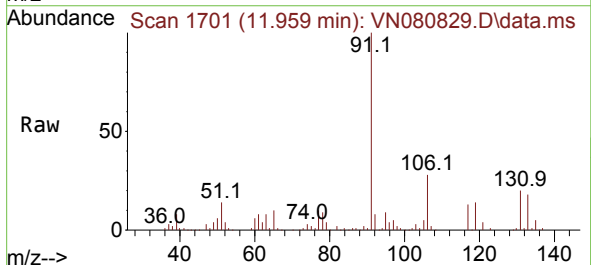
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

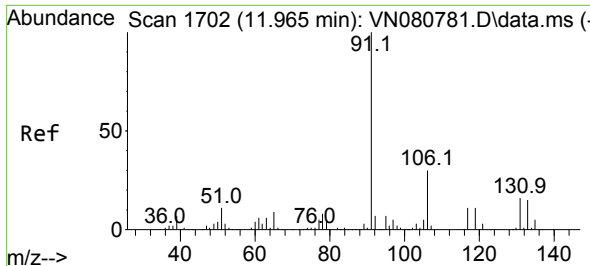
Tgt Ion:112 Resp: 223249
Ion Ratio Lower Upper
112 100
114 31.8 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.108 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:131 Resp: 76767
Ion Ratio Lower Upper
131 100
133 92.3 46.8 140.3
119 70.7 34.6 103.9

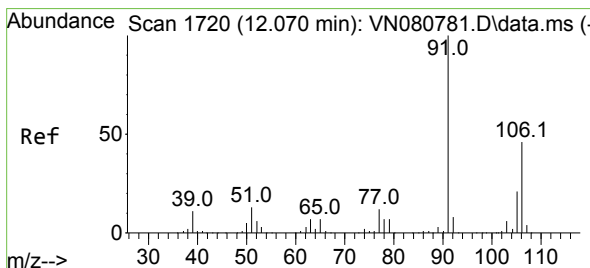
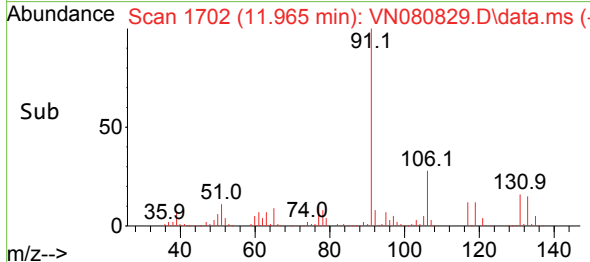
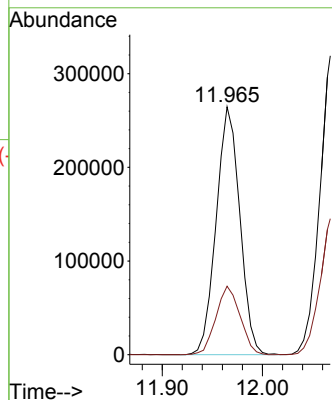
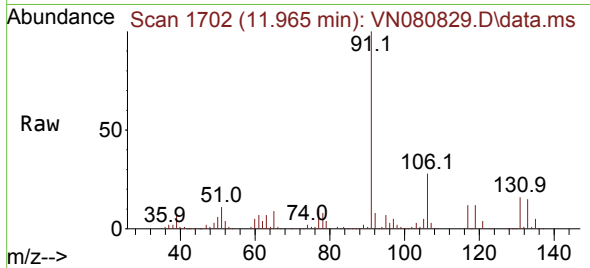




#67
Ethyl Benzene
Concen: 50.292 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

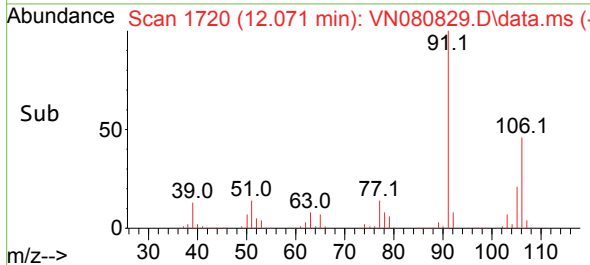
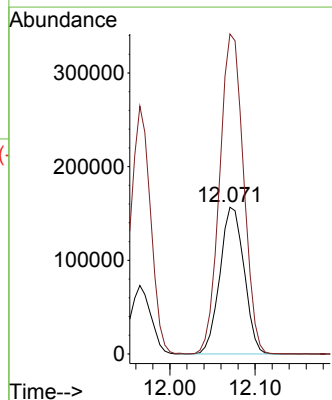
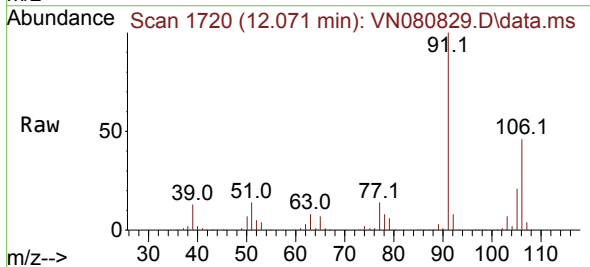
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

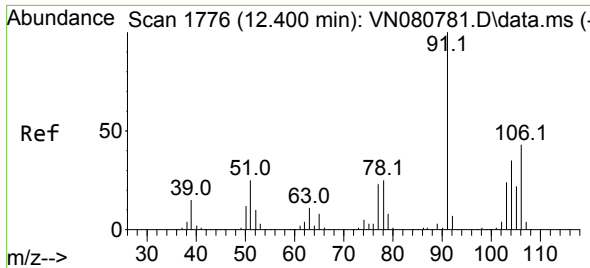
Tgt Ion: 91 Resp: 431758
Ion Ratio Lower Upper
91 100
106 27.6 23.8 35.6



#68
m/p-Xylenes
Concen: 101.528 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:106 Resp: 309543
Ion Ratio Lower Upper
106 100
91 216.0 169.0 253.6

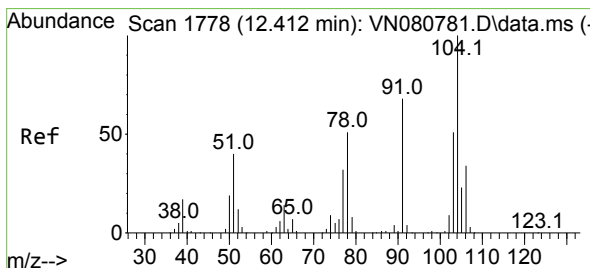
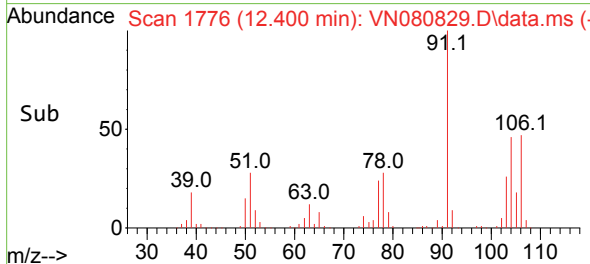
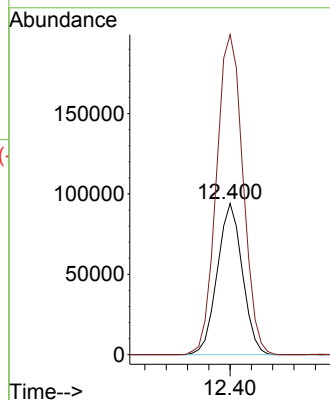
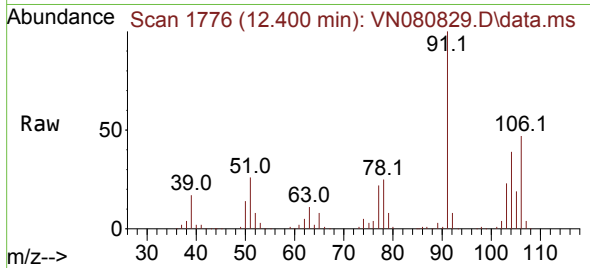




#69
o-Xylene
Concen: 50.701 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

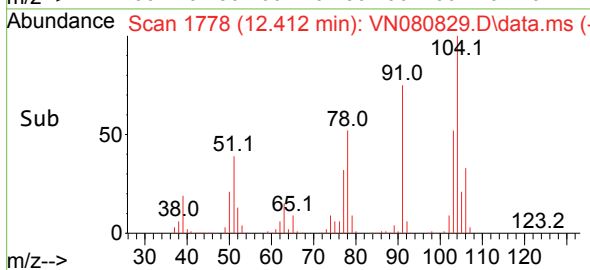
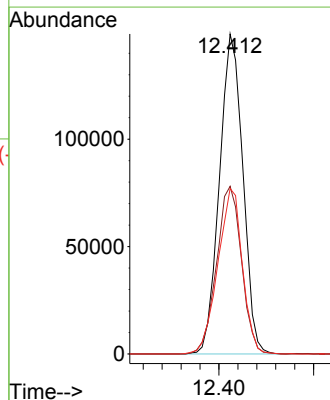
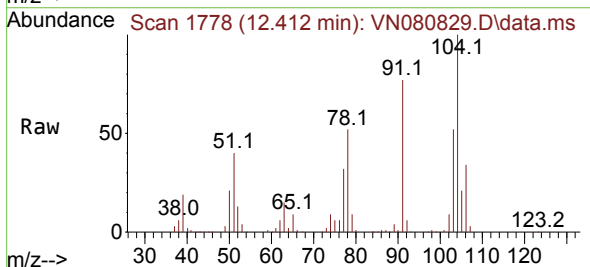
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

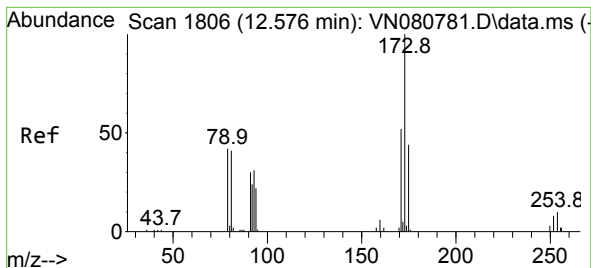
Tgt Ion:106 Resp: 153599
Ion Ratio Lower Upper
106 100
91 224.1 112.1 336.3



#70
Styrene
Concen: 52.587 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:104 Resp: 255860
Ion Ratio Lower Upper
104 100
78 55.8 43.8 65.8
103 54.1 44.2 66.2





#71

Bromoform

Concen: 51.001 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

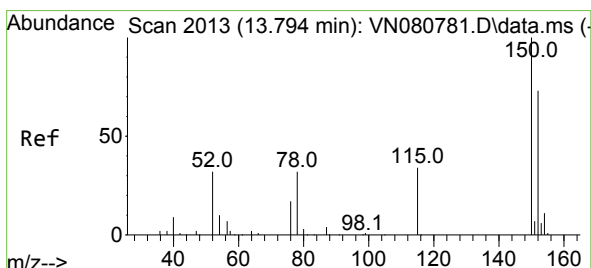
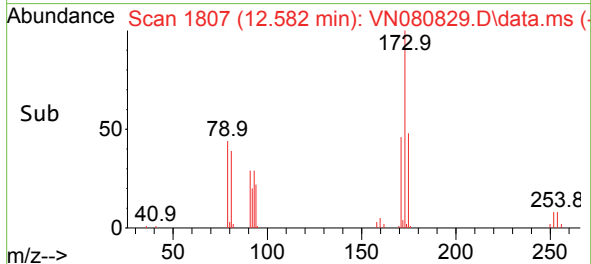
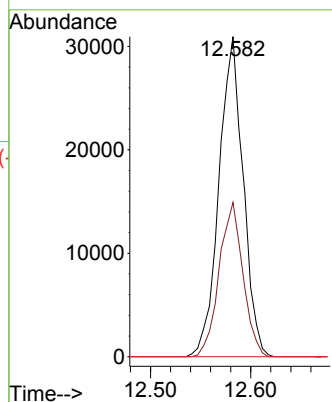
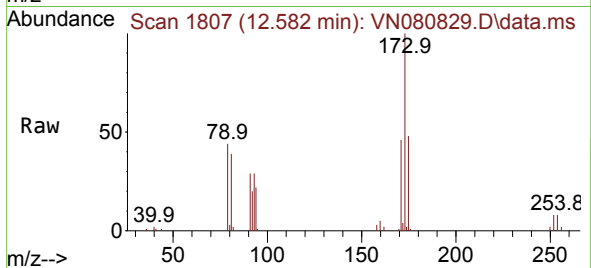
Tgt Ion:173 Resp: 51797

Ion Ratio Lower Upper

173 100

175 47.4 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

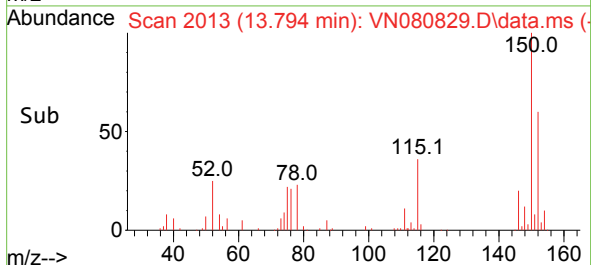
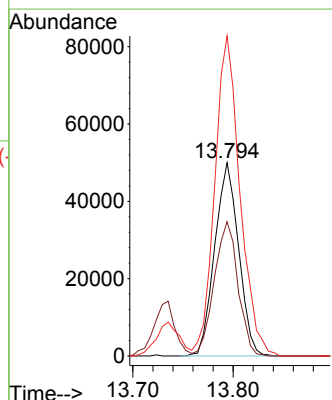
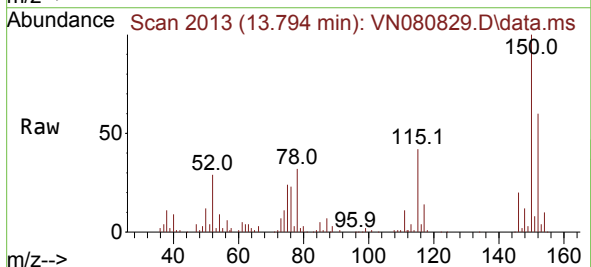
Tgt Ion:152 Resp: 82564

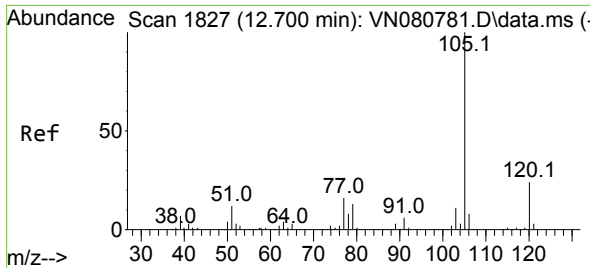
Ion Ratio Lower Upper

152 100

115 69.1 32.3 96.8

150 174.9 0.0 339.8

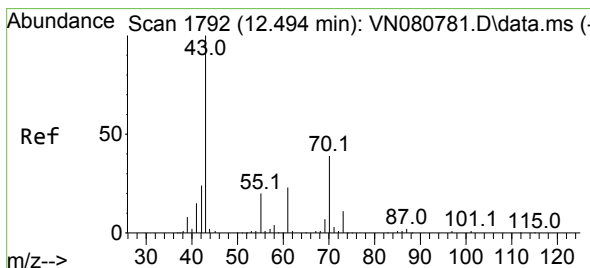
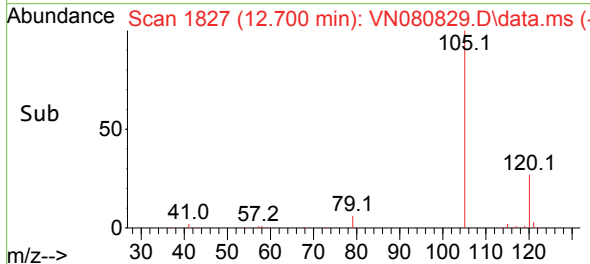
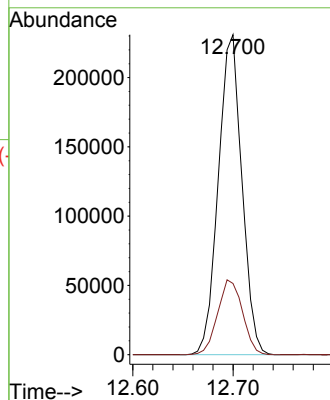
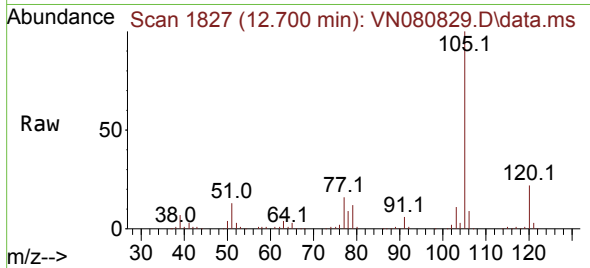




#73
Isopropylbenzene
Concen: 49.784 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

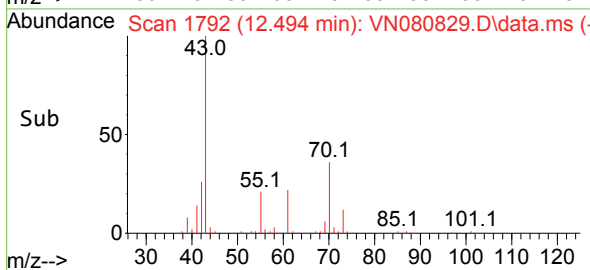
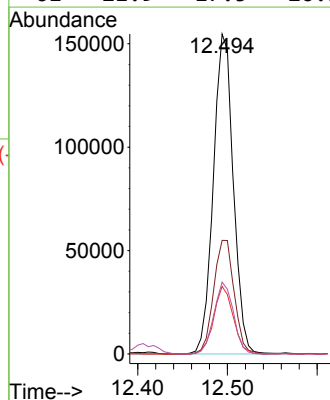
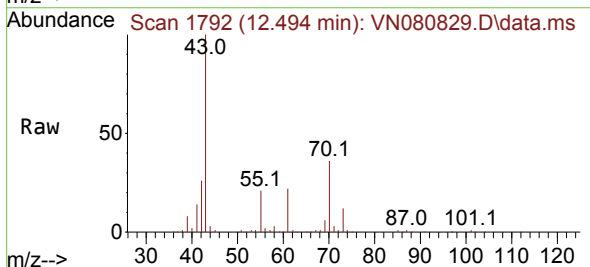
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

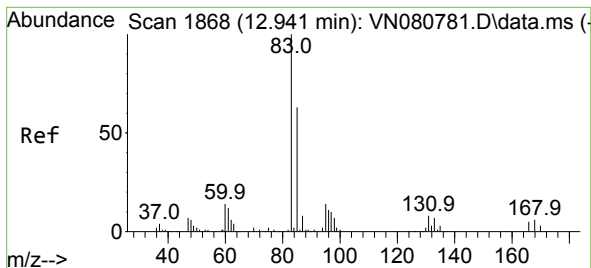
Tgt Ion:105 Resp: 376411
Ion Ratio Lower Upper
105 100
120 24.7 12.6 37.6



#74
N-ethyl acetate
Concen: 50.989 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 43 Resp: 239356
Ion Ratio Lower Upper
43 100
70 36.4 30.1 45.1
55 20.7 17.0 25.4
61 21.9 17.5 26.3

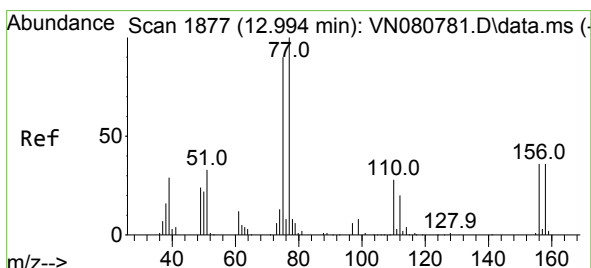
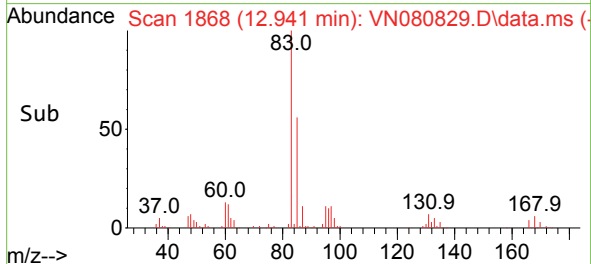
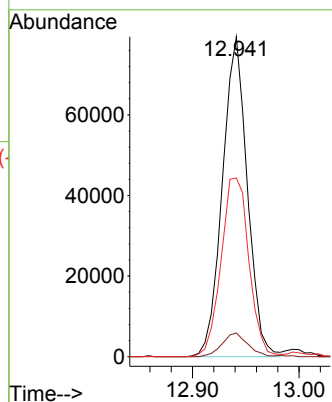
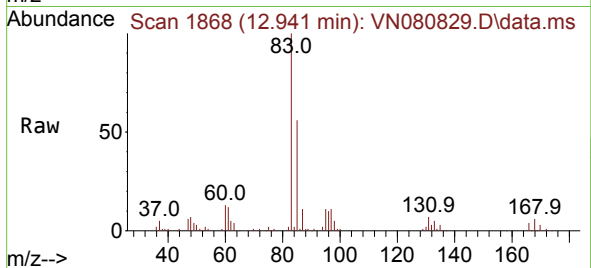




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.428 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

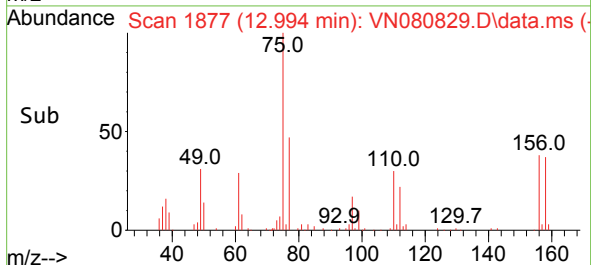
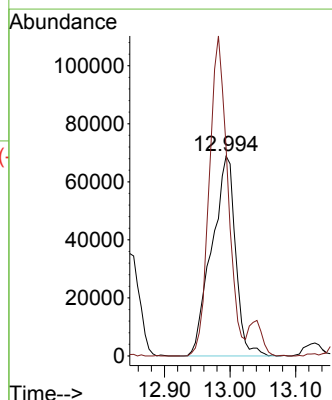
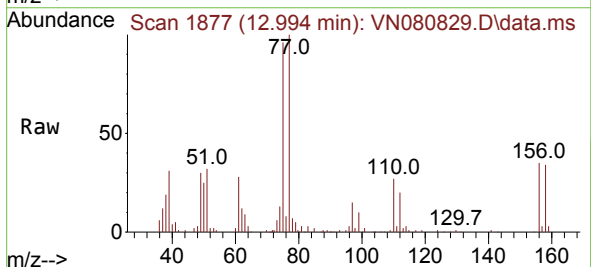
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

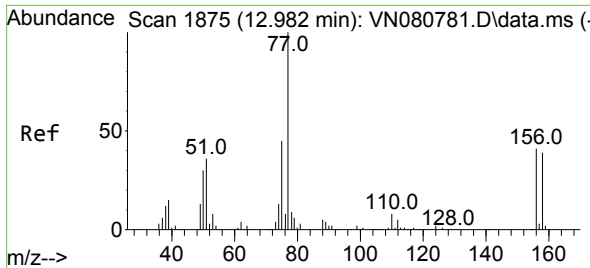
Tgt Ion: 83 Resp: 128799
 Ion Ratio Lower Upper
 83 100
 131 7.7 4.1 12.3
 85 62.4 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 69.450 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

Tgt Ion: 75 Resp: 172940
 Ion Ratio Lower Upper
 75 100
 77 125.5 91.0 272.8

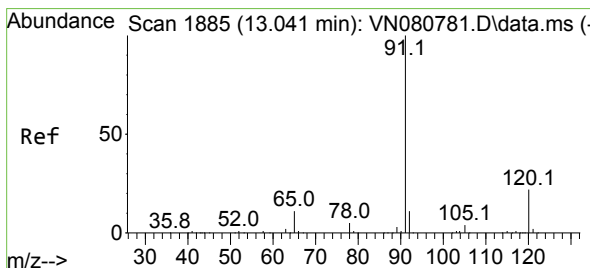
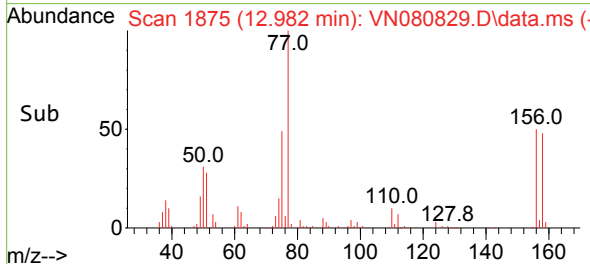
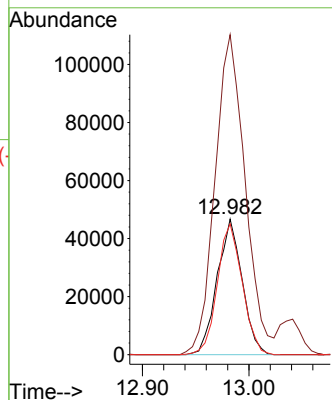
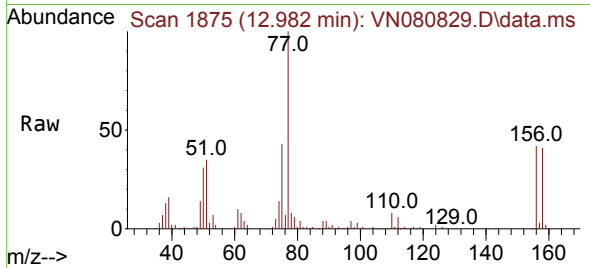




#77
Bromobenzene
Concen: 47.101 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

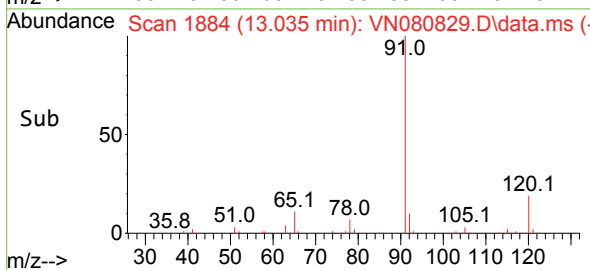
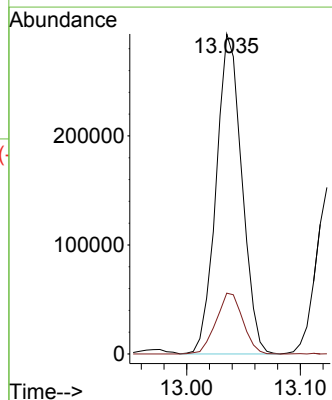
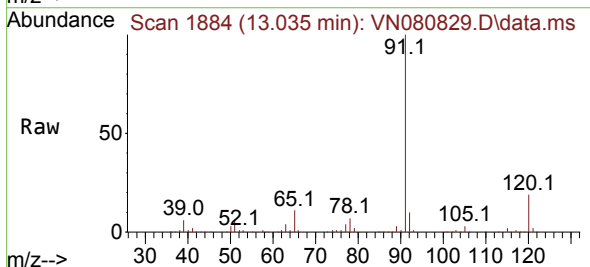
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

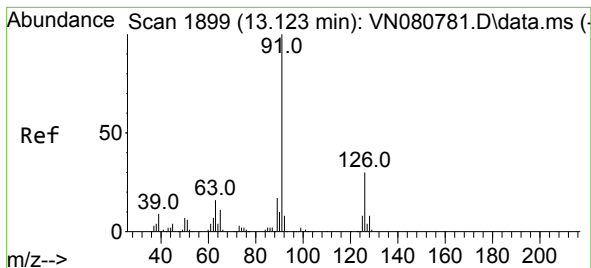
Tgt Ion:156 Resp: 76126
Ion Ratio Lower Upper
156 100
77 285.0 138.1 414.3
158 96.1 46.5 139.5



#78
n-propylbenzene
Concen: 51.158 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 91 Resp: 462096
Ion Ratio Lower Upper
91 100
120 19.7 10.3 30.9

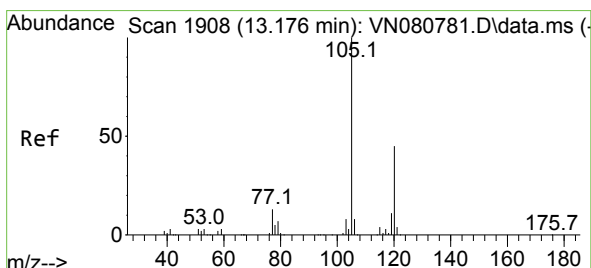
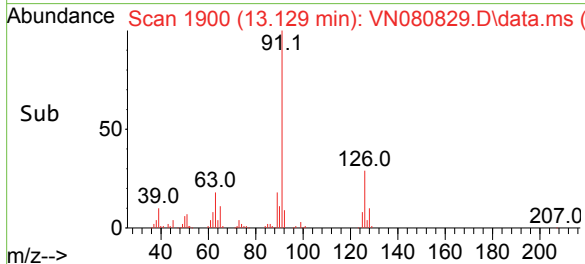
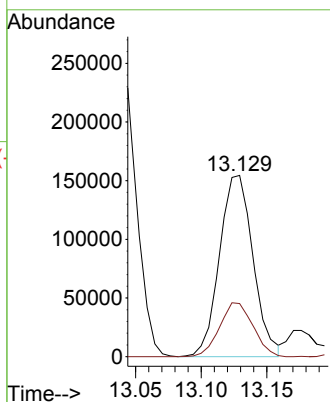
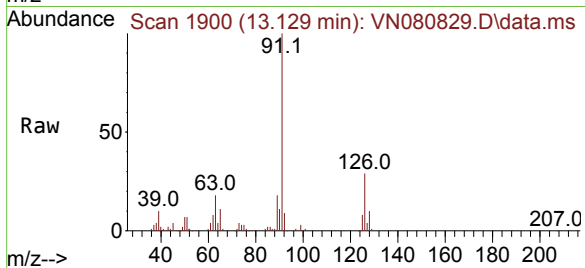




#79
2-Chlorotoluene
Concen: 47.918 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

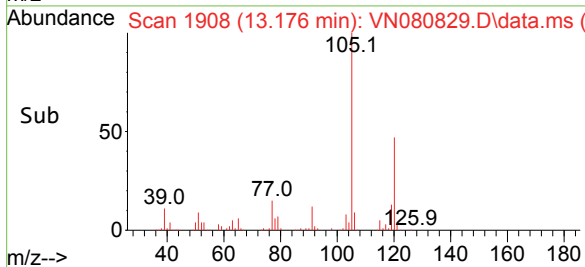
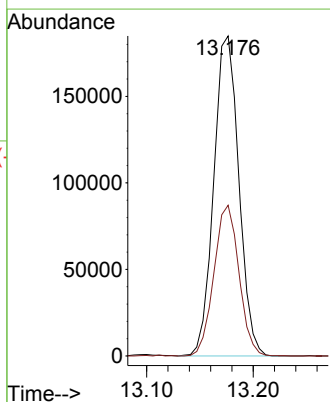
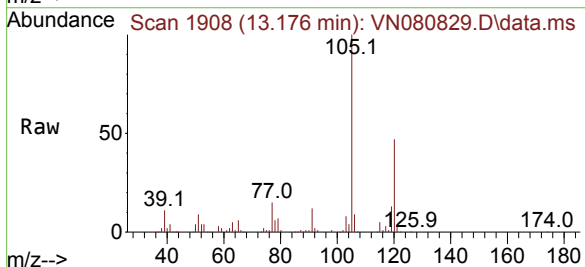
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

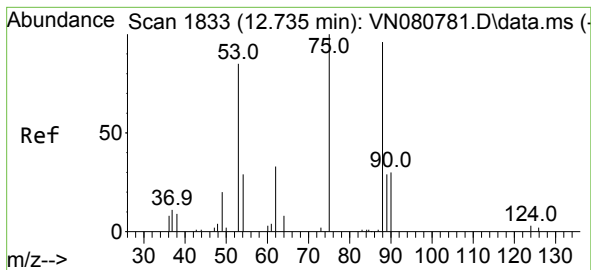
Tgt Ion: 91 Resp: 275095
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 50.131 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 105 Resp: 301864
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0

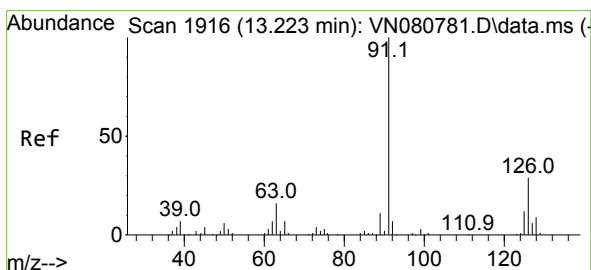
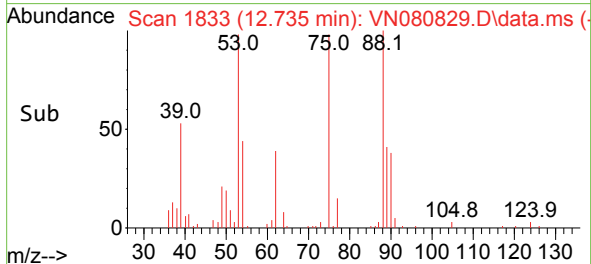
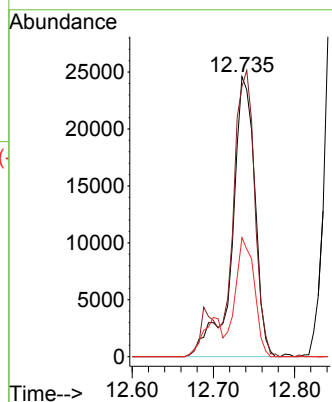
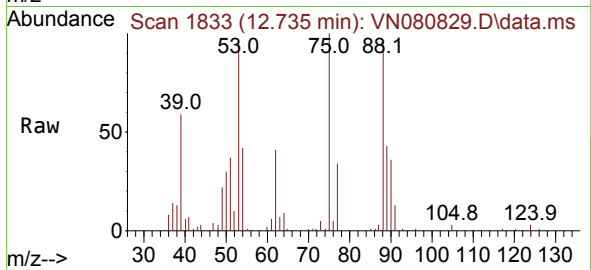




#81
trans-1,4-Dichloro-2-butene
Concen: 49.386 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

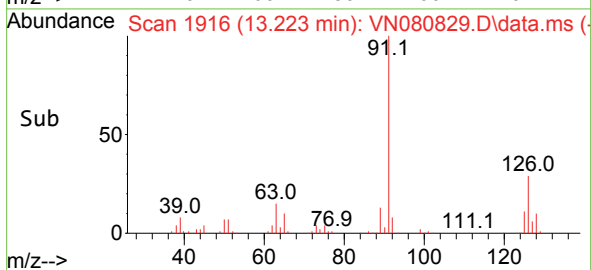
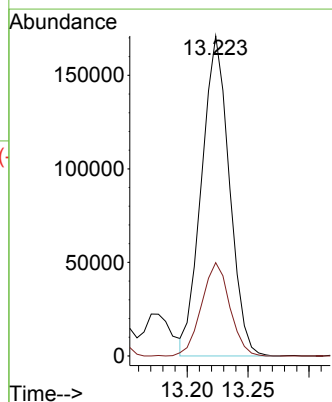
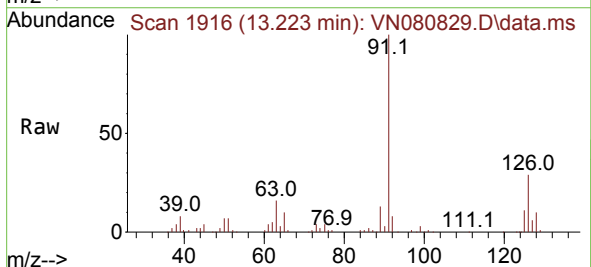
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

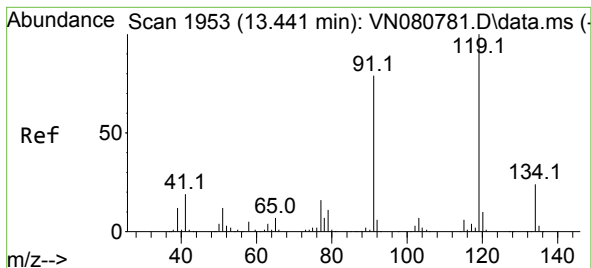
Tgt Ion: 75 Resp: 47737
Ion Ratio Lower Upper
75 100
53 94.0 71.4 107.2
89 35.7 33.4 50.0



#82
4-Chlorotoluene
Concen: 47.741 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 91 Resp: 271391
Ion Ratio Lower Upper
91 100
126 29.6 15.3 45.9





#83

tert-Butylbenzene

Concen: 48.992 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

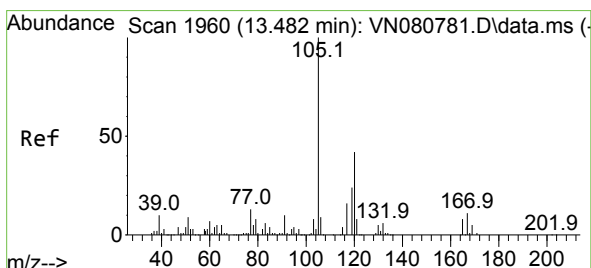
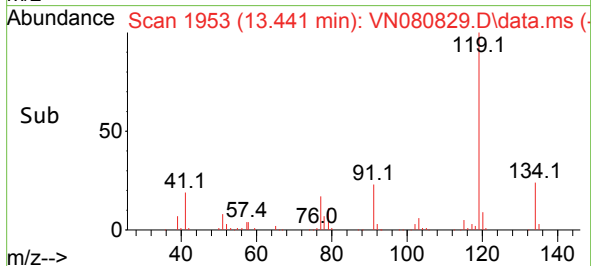
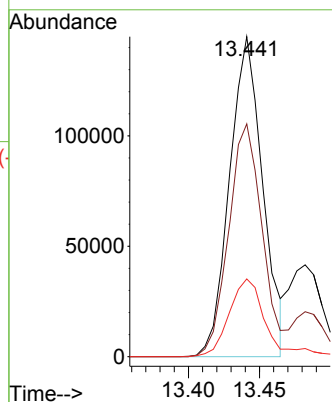
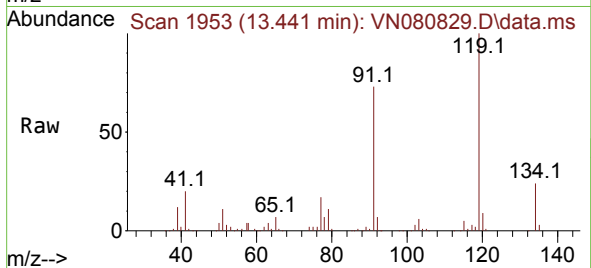
Tgt Ion:119 Resp: 235582

Ion Ratio Lower Upper

119 100

91 74.7 36.8 110.4

134 26.8 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 50.922 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080829.D

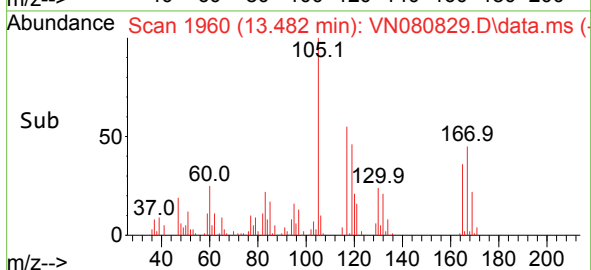
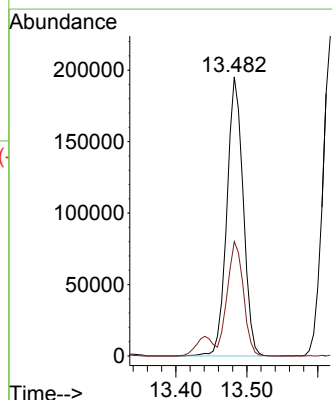
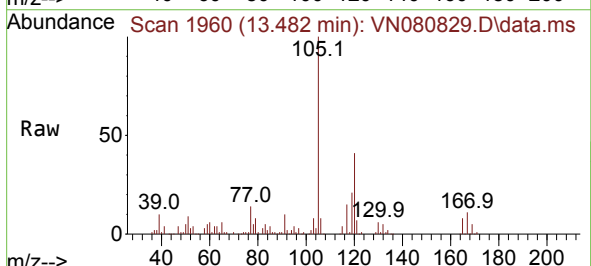
Acq: 30 Jan 2024 21:09

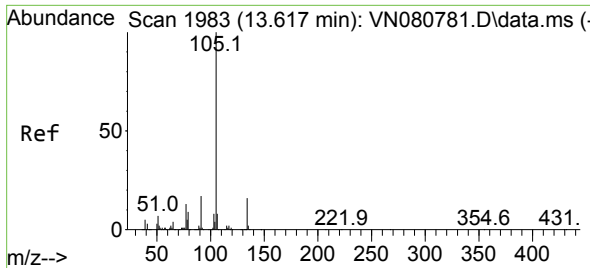
Tgt Ion:105 Resp: 310670

Ion Ratio Lower Upper

105 100

120 40.3 20.9 62.7

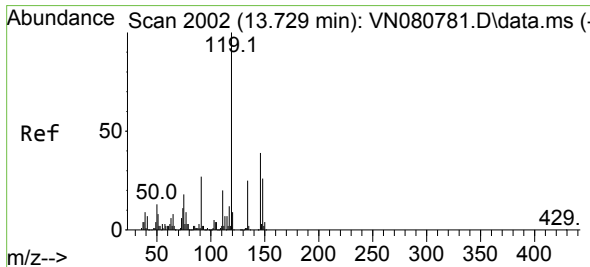
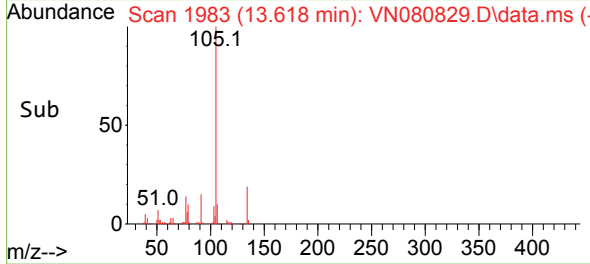
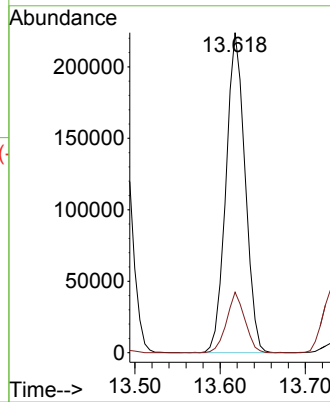
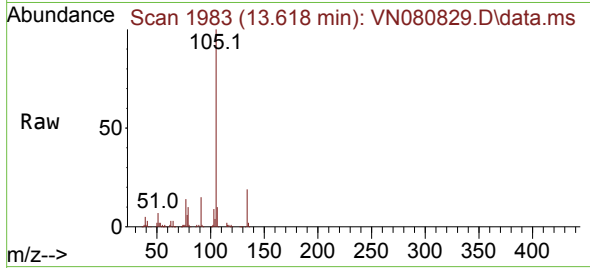




#85
 sec-Butylbenzene
 Concen: 49.139 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

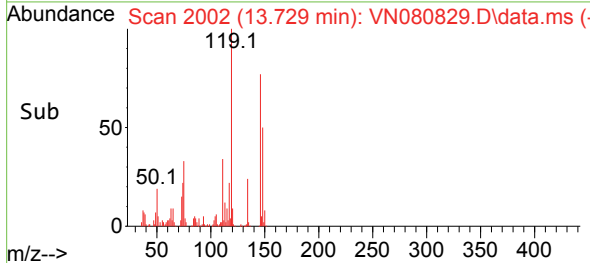
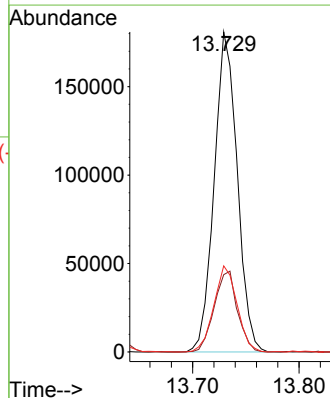
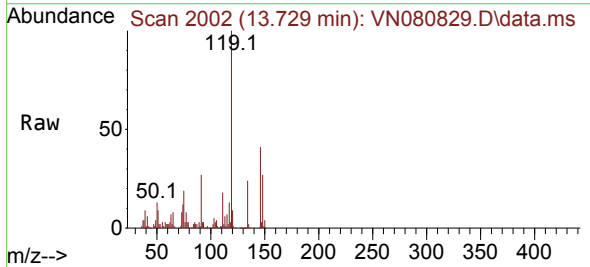
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

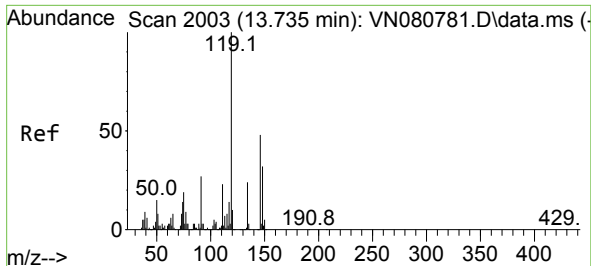
Tgt Ion:105 Resp: 348357
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 49.309 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080829.D
 Acq: 30 Jan 2024 21:09

Tgt Ion:119 Resp: 271650
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.4 37.2
 91 27.1 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 47.646 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

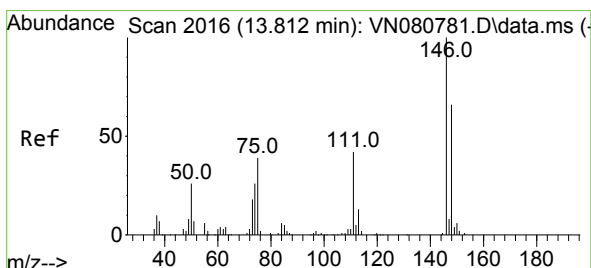
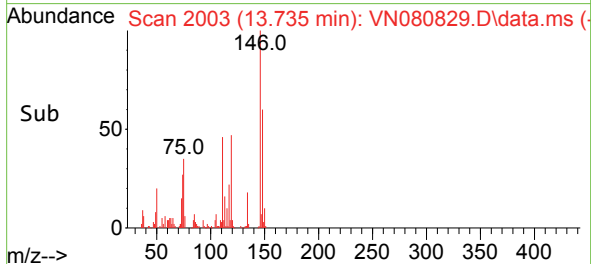
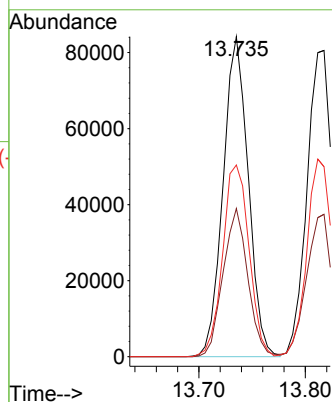
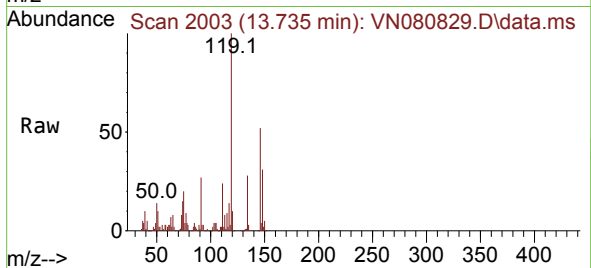
Tgt Ion:146 Resp: 137742

Ion Ratio Lower Upper

146 100

111 45.6 23.9 71.7

148 62.9 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 47.310 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

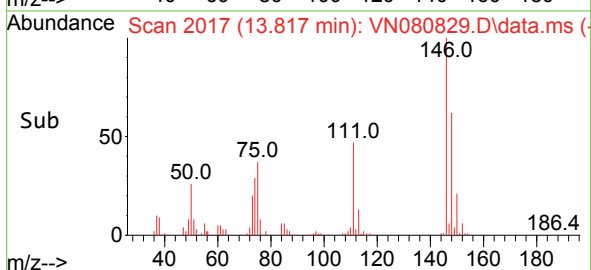
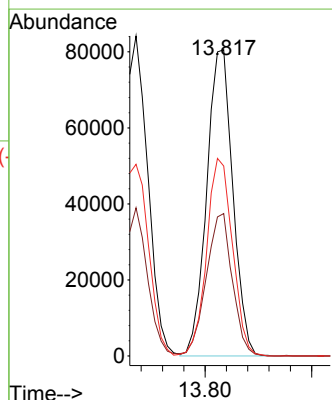
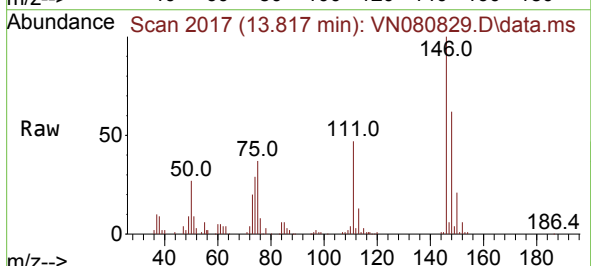
Tgt Ion:146 Resp: 137118

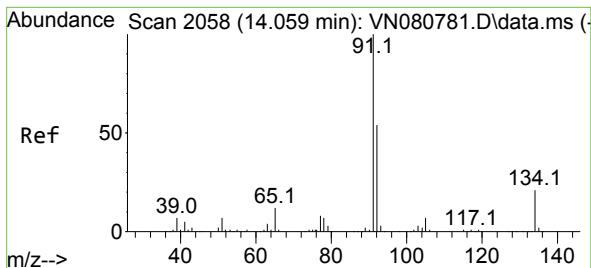
Ion Ratio Lower Upper

146 100

111 46.6 22.6 67.7

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 48.036 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

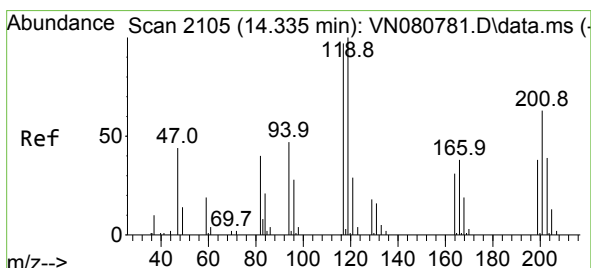
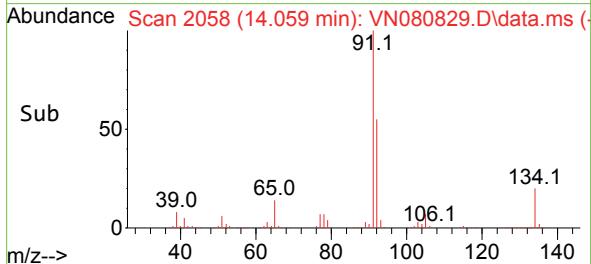
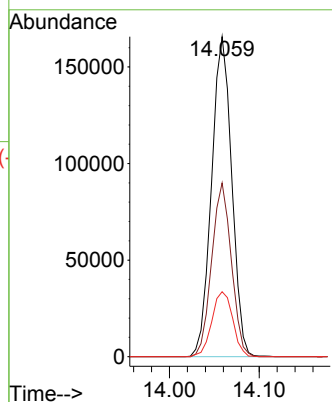
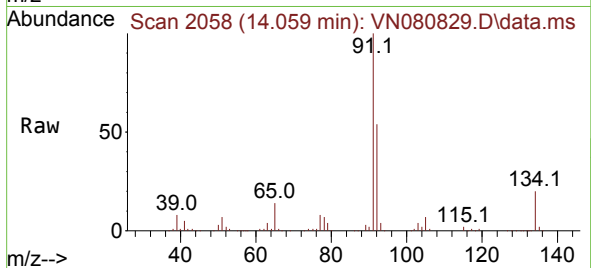
Tgt Ion: 91 Resp: 258968

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 21.0 10.8 32.4



#90

Hexachloroethane

Concen: 48.162 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080829.D

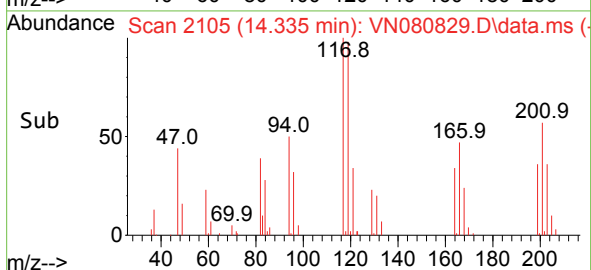
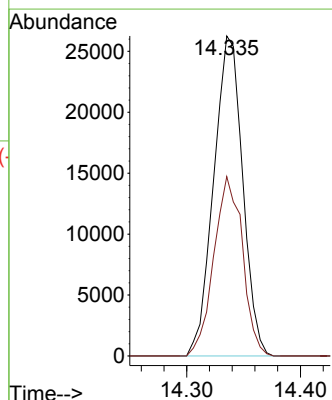
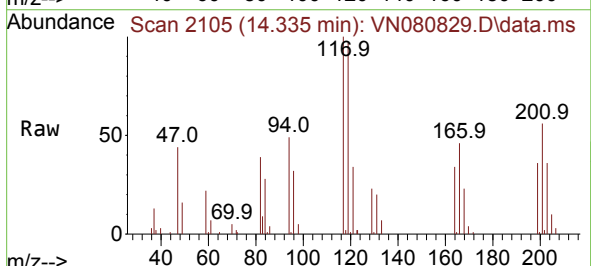
Acq: 30 Jan 2024 21:09

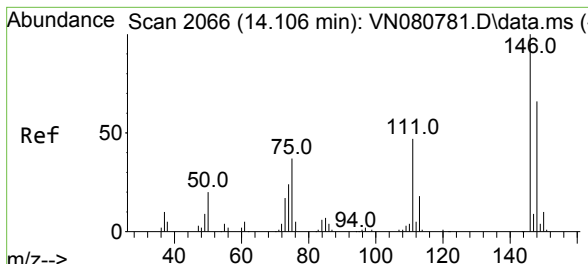
Tgt Ion: 117 Resp: 46427

Ion Ratio Lower Upper

117 100

201 55.4 30.0 90.0

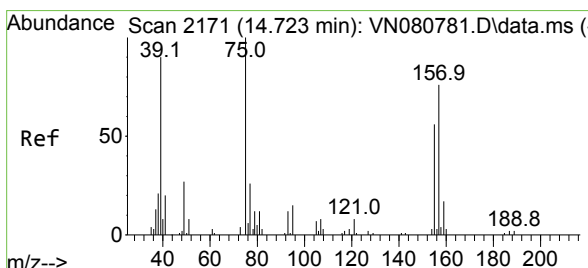
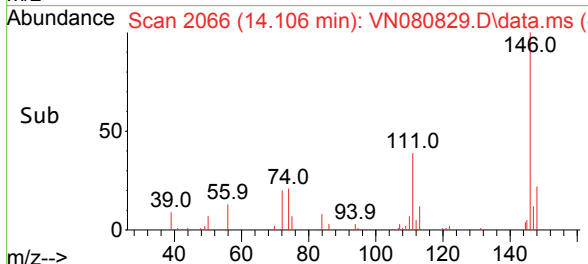
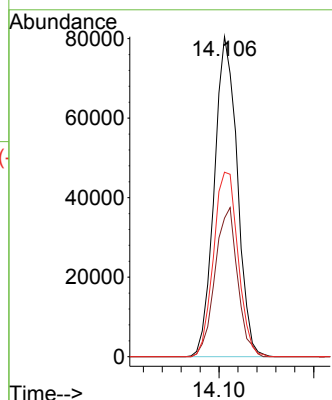
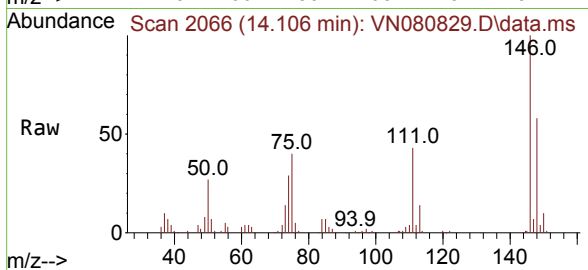




#91
1,2-Dichlorobenzene
Concen: 51.253 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

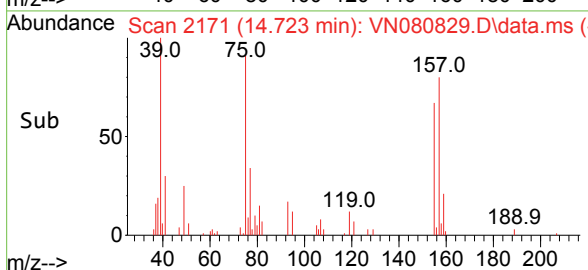
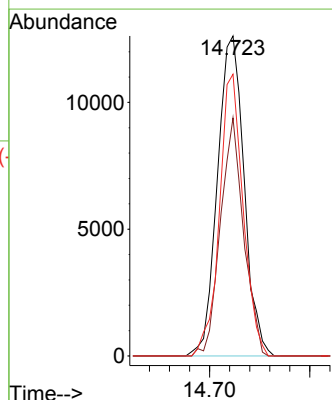
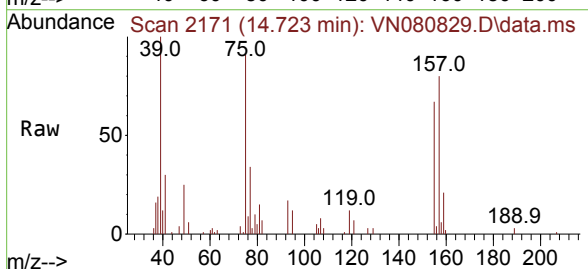
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

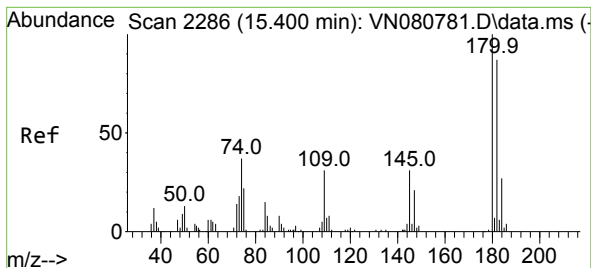
Tgt Ion:146 Resp: 135614
Ion Ratio Lower Upper
146 100
111 45.9 23.9 71.8
148 61.6 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.767 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion: 75 Resp: 23249
Ion Ratio Lower Upper
75 100
155 65.0 31.8 95.4
157 78.5 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 45.300 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

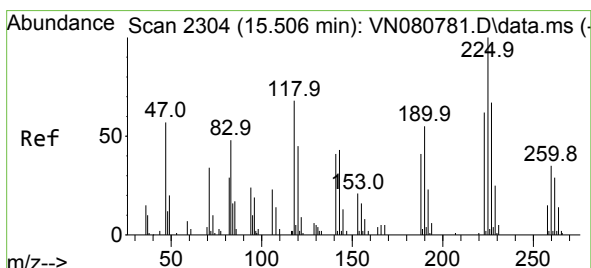
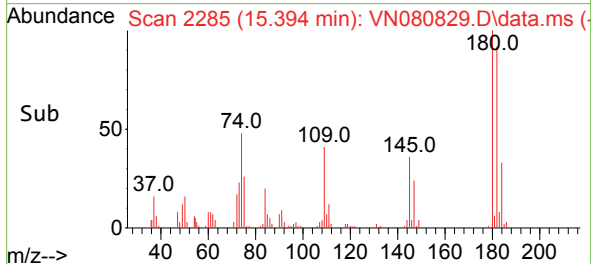
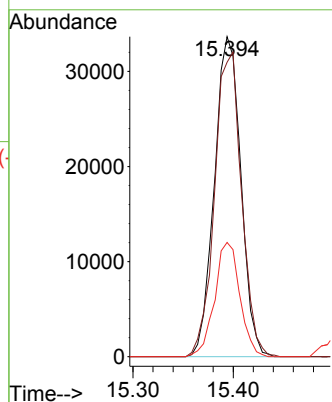
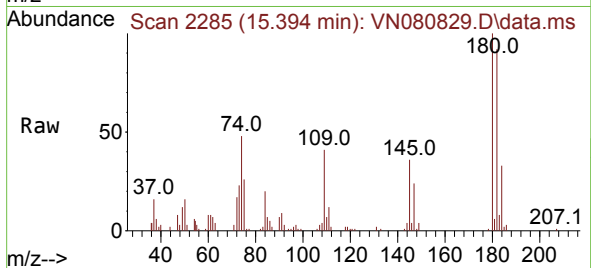
Tgt Ion:180 Resp: 61692

Ion Ratio Lower Upper

180 100

182 96.7 46.6 139.7

145 34.0 16.8 50.3



#94

Hexachlorobutadiene

Concen: 42.954 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN080829.D

Acq: 30 Jan 2024 21:09

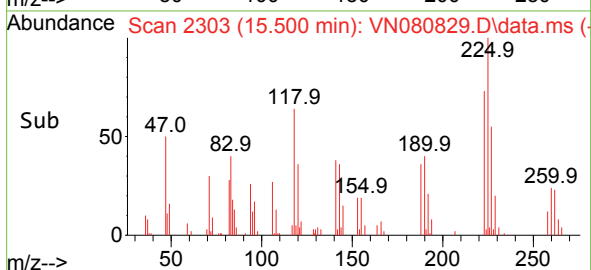
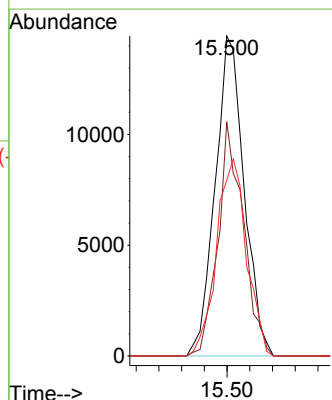
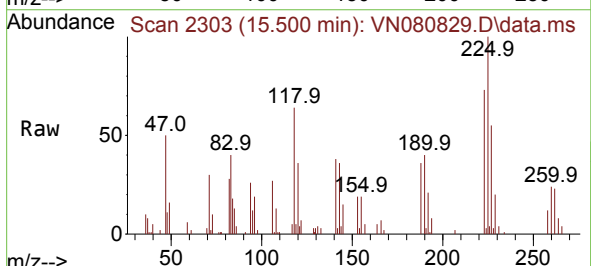
Tgt Ion:225 Resp: 25556

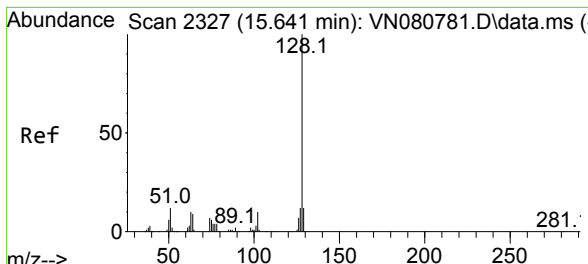
Ion Ratio Lower Upper

225 100

223 64.5 33.3 99.8

227 63.8 33.1 99.2

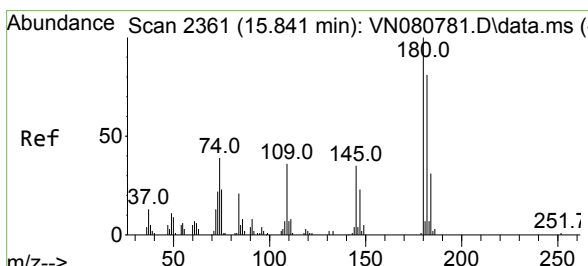
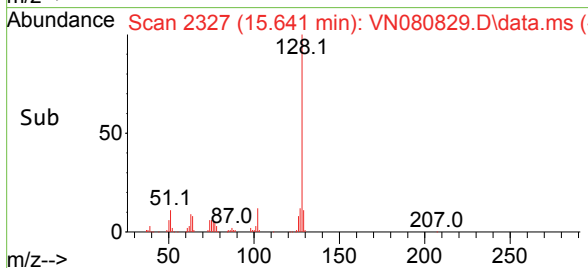
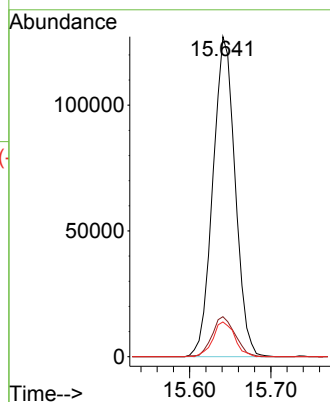
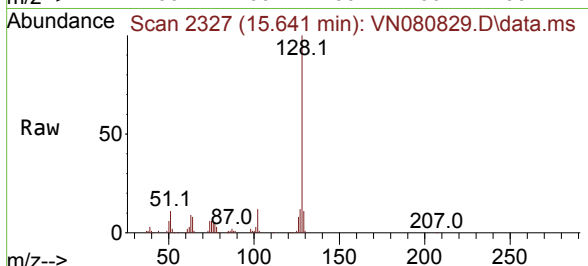




#95
Naphthalene
Concen: 46.554 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	242602
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.0	15.0
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.330 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080829.D
Acq: 30 Jan 2024 21:09

Tgt Ion:	180	Resp:	63356
Ion Ratio	Lower	Upper	
180	100		
182	90.9	46.5	139.3
145	33.3	17.8	53.4

