

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081108.D
 Acq On : 21 Feb 2024 10:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 04:42:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	376687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	683521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	604791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	239610	51.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.800%	
35) Dibromofluoromethane	8.165	113	206875	53.524	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.040%	
50) Toluene-d8	10.565	98	681068	49.612	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.853	95	258873	50.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	260536	53.482	ug/l	94
3) Chloromethane	2.365	50	245569	46.105	ug/l	98
4) Vinyl Chloride	2.518	62	270184	49.932	ug/l	92
5) Bromomethane	2.965	94	192332	50.044	ug/l	89
6) Chloroethane	3.124	64	179429	51.309	ug/l	98
7) Trichlorofluoromethane	3.506	101	402800	50.955	ug/l	95
8) Diethyl Ether	3.959	74	162429	56.201	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	227361	51.593	ug/l	91
10) Methyl Iodide	4.595	142	277192	56.352	ug/l	98
11) Tert butyl alcohol	5.518	59	219545	258.559	ug/l	98
12) 1,1-Dichloroethene	4.342	96	219615	51.555	ug/l	90
13) Acrolein	4.183	56	144946	318.490	ug/l	96
14) Allyl chloride	5.024	41	343217	54.301	ug/l #	91
15) Acrylonitrile	5.718	53	573483	258.606	ug/l	98
16) Acetone	4.430	43	281238	154.804	ug/l	98
17) Carbon Disulfide	4.718	76	576187	48.494	ug/l #	94
18) Methyl Acetate	5.018	43	261959	59.108	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	820114	56.211	ug/l	97
20) Methylene Chloride	5.283	84	263606	56.203	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	242007	50.920	ug/l	92
22) Diisopropyl ether	6.671	45	824284	57.490	ug/l #	94
23) Vinyl Acetate	6.600	43	3257677	280.041	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	458856	55.348	ug/l	95
25) 2-Butanone	7.483	43	616232	209.960	ug/l	94
26) 2,2-Dichloropropane	7.494	77	418398	53.862	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	299459	54.231	ug/l	89
28) Bromochloromethane	7.812	49	180201	52.431	ug/l #	62
29) Tetrahydrofuran	7.836	42	480979	245.492	ug/l #	88
30) Chloroform	7.965	83	492677	55.902	ug/l	98
31) Cyclohexane	8.259	56	377495	47.351	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	422836	52.680	ug/l	94
36) 1,1-Dichloropropene	8.371	75	347863	52.533	ug/l	95
37) Ethyl Acetate	7.559	43	306357	51.263	ug/l	97
38) Carbon Tetrachloride	8.365	117	371251	55.415	ug/l	98
39) Methylcyclohexane	9.600	83	409630	53.067	ug/l	90
40) Benzene	8.606	78	1058099	55.205	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	175327	51.549	ug/l	95
42) 1,2-Dichloroethane	8.671	62	369571	55.268	ug/l	97
43) Isopropyl Acetate	8.688	43	581189	55.606	ug/l #	96
44) Trichloroethene	9.353	130	272861	53.451	ug/l	96
45) 1,2-Dichloropropane	9.624	63	275504	57.463	ug/l	97
46) Dibromomethane	9.706	93	193916	55.511	ug/l #	90
47) Bromodichloromethane	9.888	83	391502	59.174	ug/l #	96
48) Methyl methacrylate	9.677	41	263529	54.186	ug/l	90
49) 1,4-Dioxane	9.700	88	80620	896.698	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	1574958	261.947	ug/l	95
52) Toluene	10.629	92	657800	54.212	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	433853	59.010	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	465915	58.654	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	267298	57.275	ug/l	92
56) Ethyl methacrylate	10.877	69	403645	56.592	ug/l	88
57) 1,3-Dichloropropane	11.165	76	456181	56.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	879215	245.678	ug/l #	88
59) 2-Hexanone	11.194	43	1082470	227.089	ug/l	95
60) Dibromochloromethane	11.359	129	286006	57.688	ug/l	100
61) 1,2-Dibromoethane	11.471	107	272269	55.479	ug/l	97
64) Tetrachloroethene	11.106	164	220191	53.345	ug/l	95
65) Chlorobenzene	11.894	112	706741	53.993	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	268053	57.015	ug/l	97
67) Ethyl Benzene	11.965	91	1257488	53.687	ug/l	97
68) m/p-Xylenes	12.071	106	956365	106.525	ug/l	96
69) o-Xylene	12.400	106	475044	53.380	ug/l	95
70) Styrene	12.412	104	781787	55.438	ug/l	97
71) Bromoform	12.582	173	179313	60.116	ug/l #	98
73) Isopropylbenzene	12.694	105	1219023	49.301	ug/l	97
74) N-amyl acetate	12.494	43	500863	47.929	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	345410	49.680	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	446982	69.612	ug/l	66
77) Bromobenzene	12.982	156	278406	50.498	ug/l	74
78) n-propylbenzene	13.035	91	1442121	50.664	ug/l	96
79) 2-Chlorotoluene	13.123	91	851594	48.776	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1019449	50.851	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	138708	55.602	ug/l #	73
82) 4-Chlorotoluene	13.223	91	865914	50.723	ug/l	95
83) tert-Butylbenzene	13.441	119	871981	50.302	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1025717	51.344	ug/l	94
85) sec-Butylbenzene	13.617	105	1244854	51.656	ug/l	94
86) p-Isopropyltoluene	13.729	119	1043520	52.132	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	536953	51.546	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	524830	51.274	ug/l	97
89) n-Butylbenzene	14.059	91	941306	53.978	ug/l	97
90) Hexachloroethane	14.335	117	177486	53.642	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	515543	51.313	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	72180	49.933	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	314715	56.148	ug/l	99
94) Hexachlorobutadiene	15.506	225	113338	54.218	ug/l	95
95) Naphthalene	15.641	128	1076202	52.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	308273	55.440	ug/l	98

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

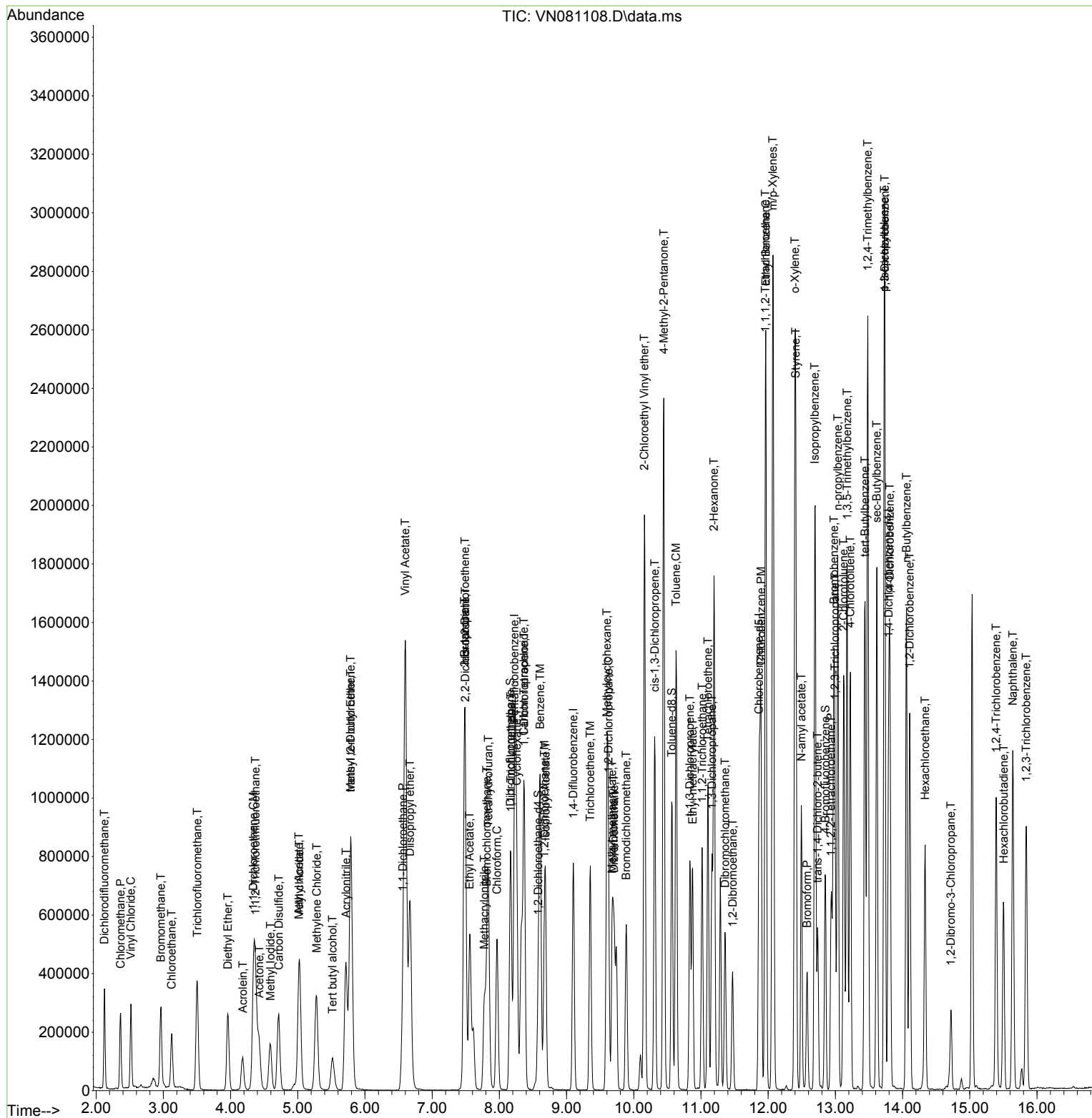
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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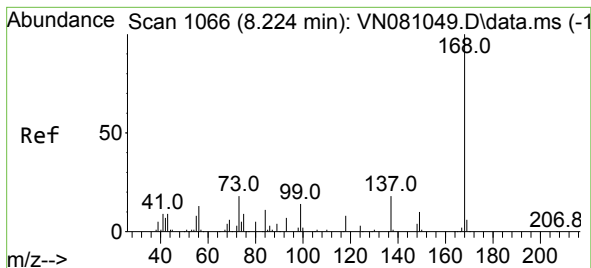
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

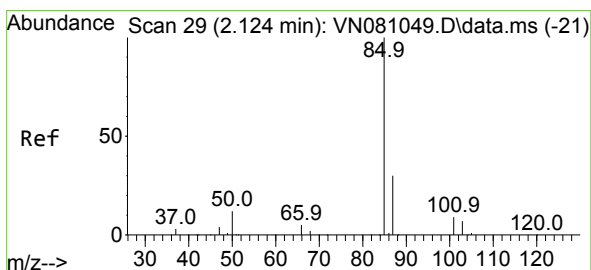
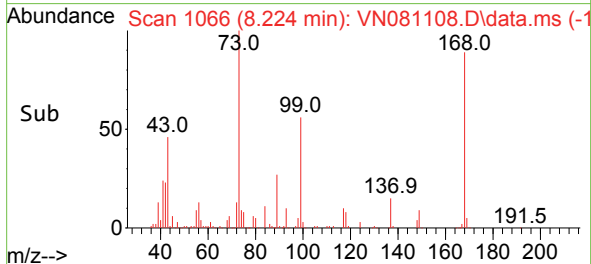
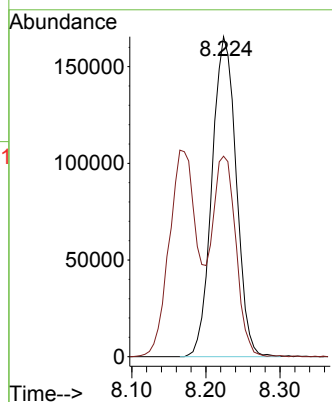
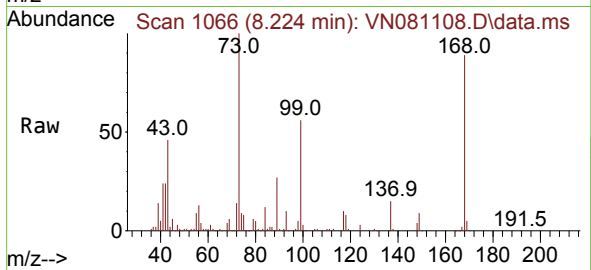
VSTDCCC050

Tgt Ion:168 Resp: 376687

Ion Ratio Lower Upper

168 100

99 62.3 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 53.482 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081108.D

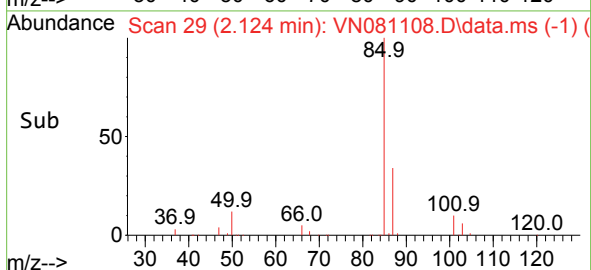
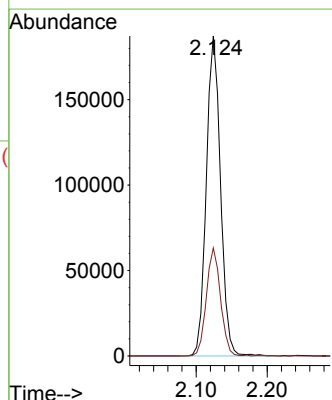
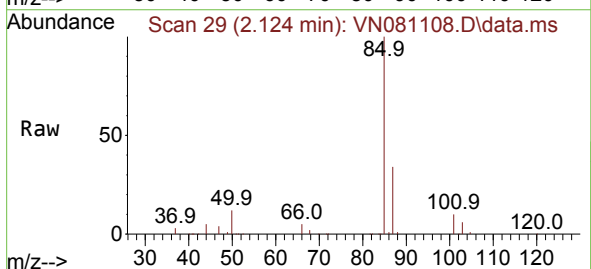
Acq: 21 Feb 2024 10:02

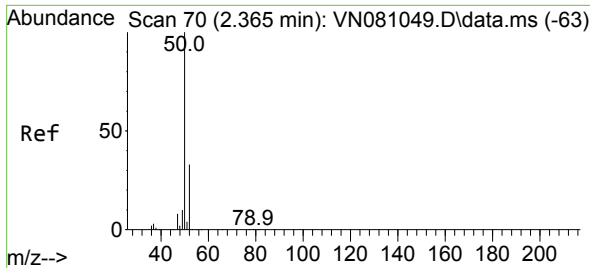
Tgt Ion: 85 Resp: 260536

Ion Ratio Lower Upper

85 100

87 33.8 15.3 45.9

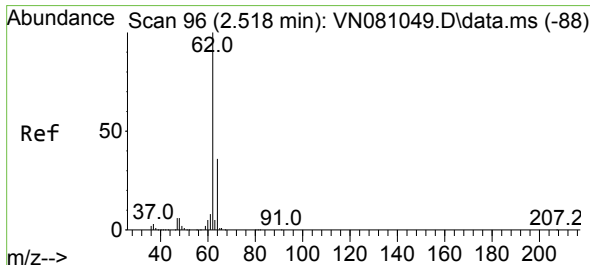
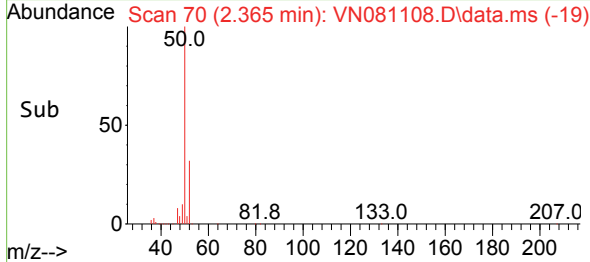
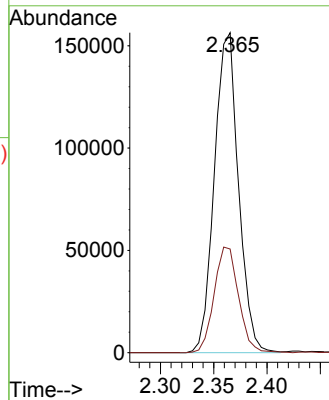
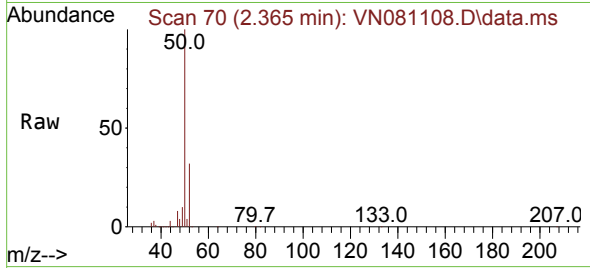




#3
Chloromethane
Concen: 46.105 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081108.D
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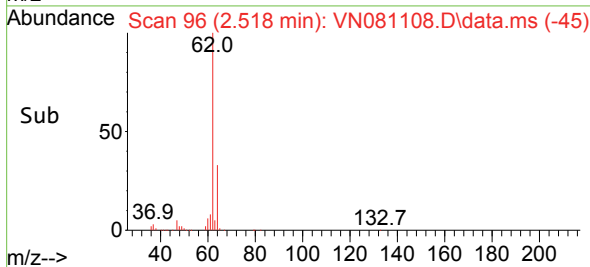
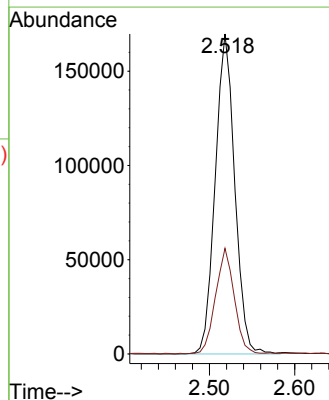
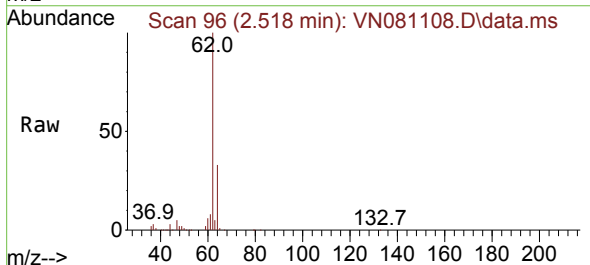
Instrument :
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ClientSampleId :
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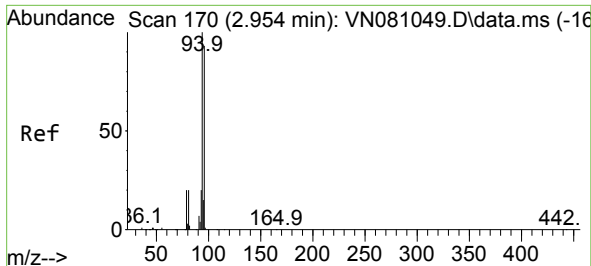
Tgt Ion: 50 Resp: 245569
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.4



#4
Vinyl Chloride
Concen: 49.932 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 62 Resp: 270184
Ion Ratio Lower Upper
62 100
64 32.8 22.7 34.1

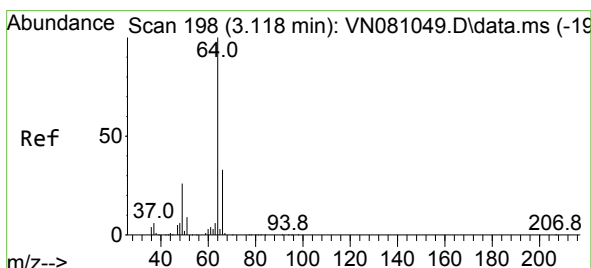
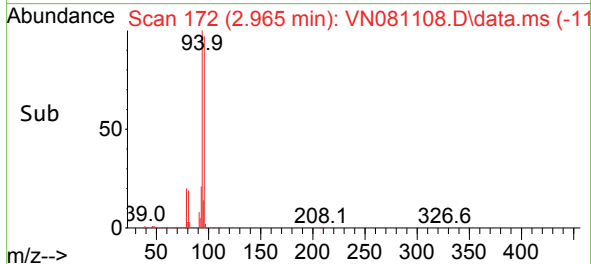
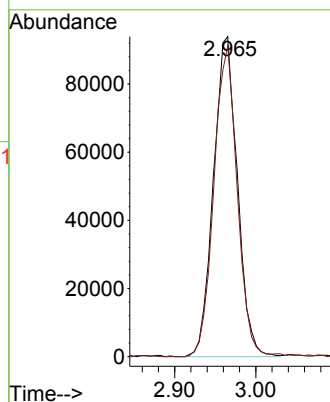
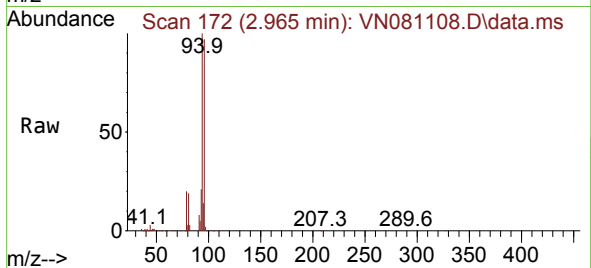




#5
Bromomethane
Concen: 50.044 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081108.D
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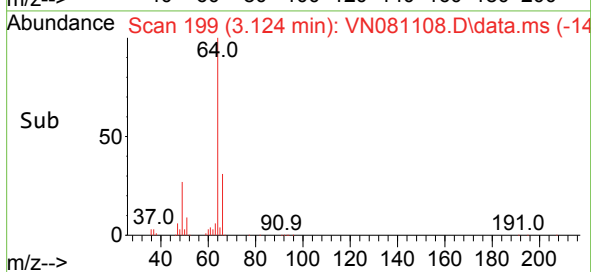
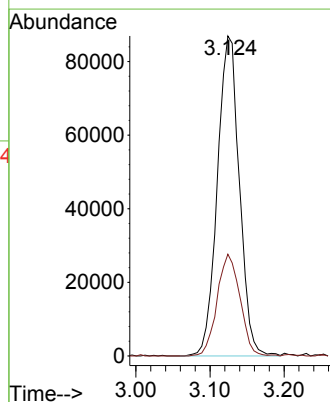
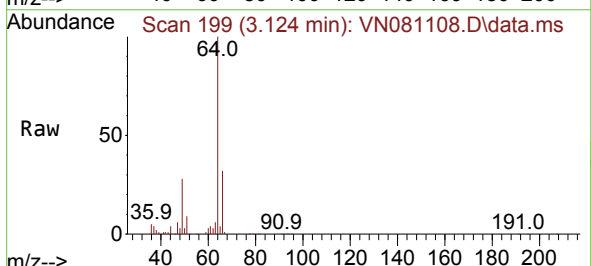
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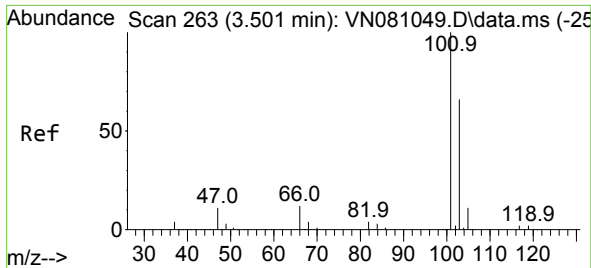
Tgt Ion: 94 Resp: 192332
Ion Ratio Lower Upper
94 100
96 97.1 69.2 103.8



#6
Chloroethane
Concen: 51.309 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081108.D
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Tgt Ion: 64 Resp: 179429
Ion Ratio Lower Upper
64 100
66 31.8 26.4 39.6

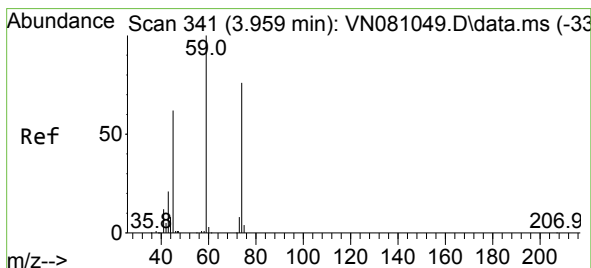
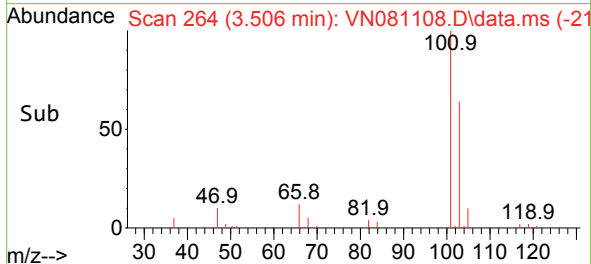
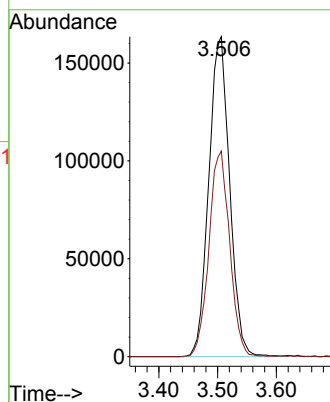
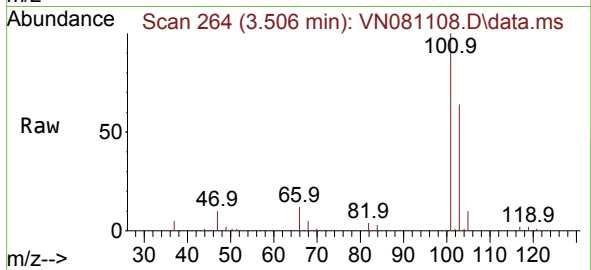




#7
Trichlorofluoromethane
Concen: 50.955 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

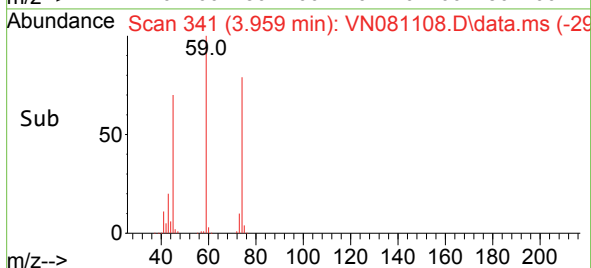
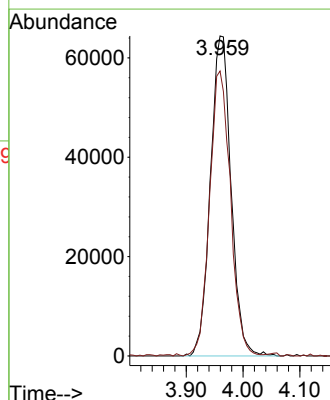
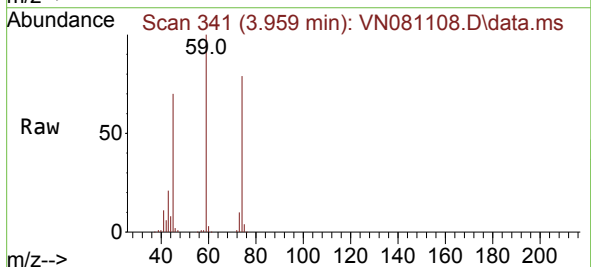
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ClientSampleId :
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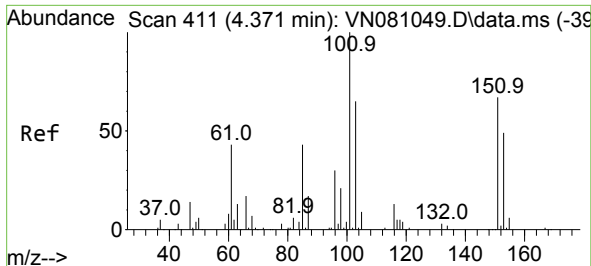
Tgt Ion:101 Resp: 402800
Ion Ratio Lower Upper
101 100
103 64.3 54.4 81.6



#8
Diethyl Ether
Concen: 56.201 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Acq: 21 Feb 2024 10:02

Tgt Ion: 74 Resp: 162429
Ion Ratio Lower Upper
74 100
45 89.9 53.3 159.9

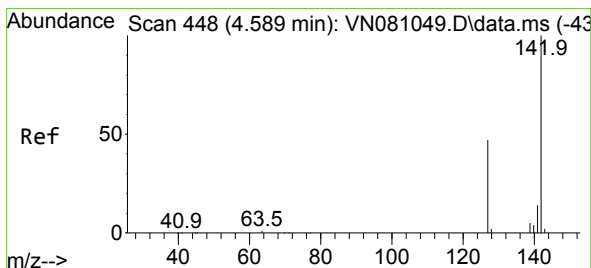
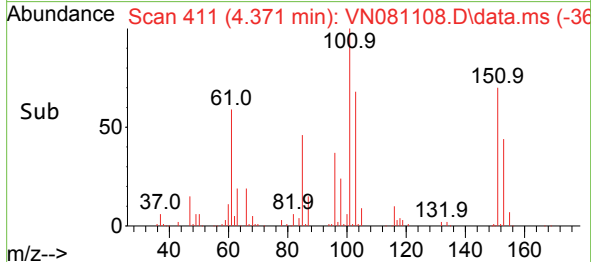
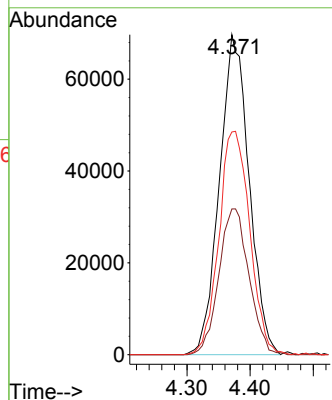
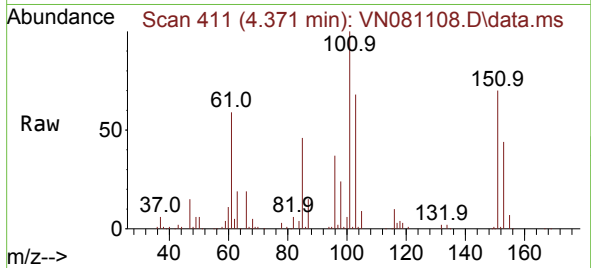




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.593 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

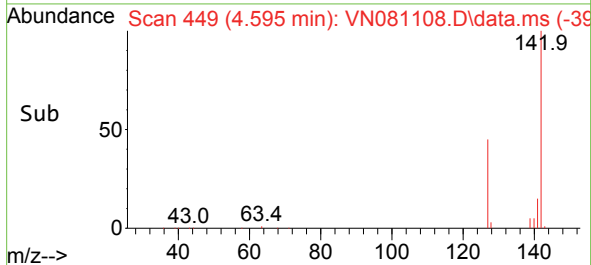
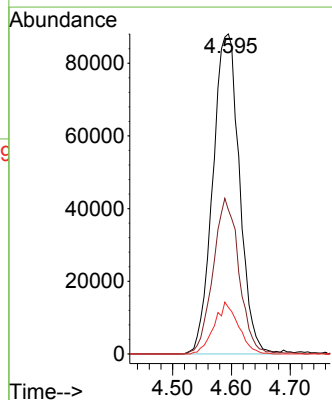
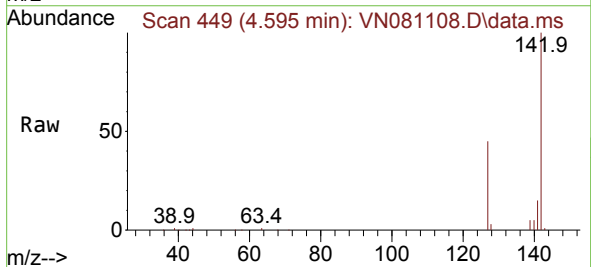
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

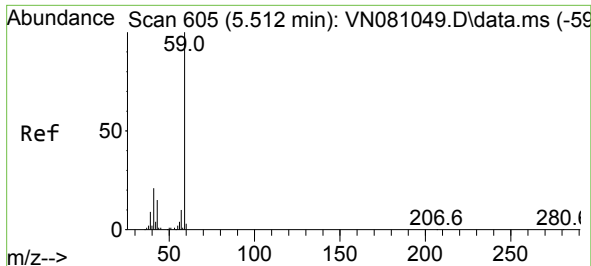
Tgt Ion:101 Resp: 227361
Ion Ratio Lower Upper
101 100
85 46.2 38.1 57.1
151 72.7 49.1 73.7



#10
Methyl Iodide
Concen: 56.352 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:142 Resp: 277192
Ion Ratio Lower Upper
142 100
127 45.0 37.0 55.4
141 14.6 12.5 18.7

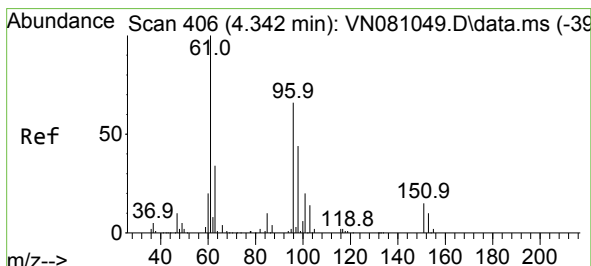
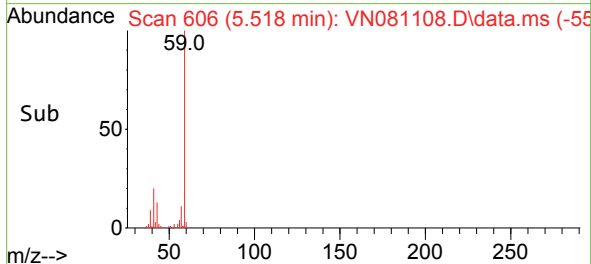
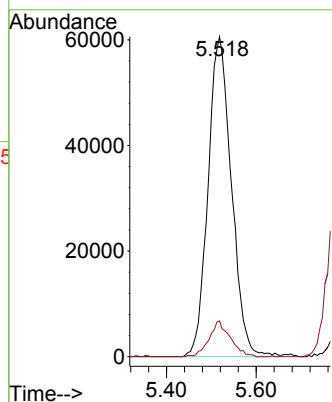
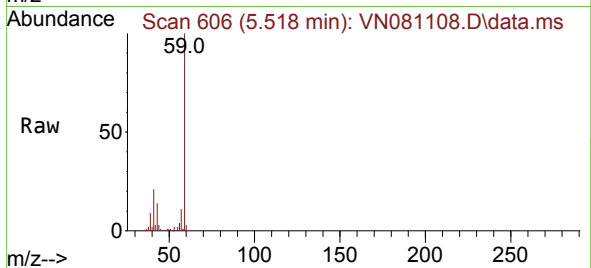




#11
Tert butyl alcohol
Concen: 258.559 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

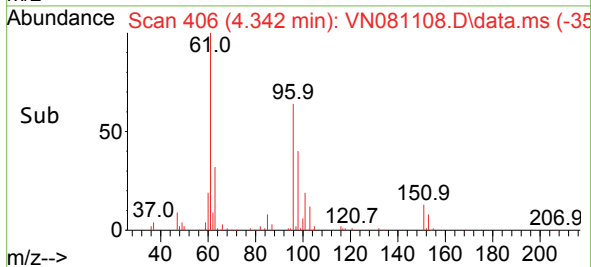
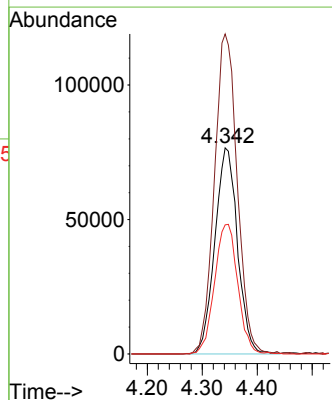
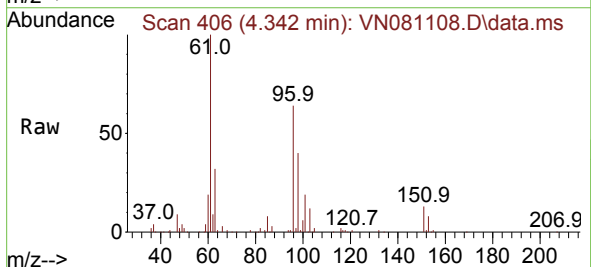
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

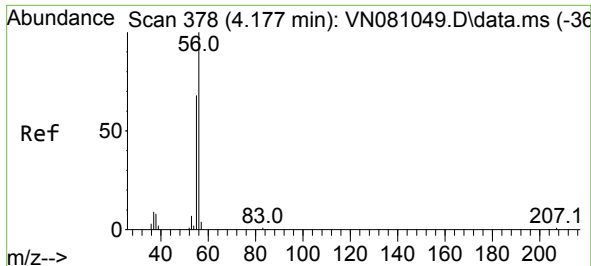
Tgt Ion: 59 Resp: 219545
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.555 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 96 Resp: 219615
Ion Ratio Lower Upper
96 100
61 155.3 138.2 207.4
98 62.7 49.2 73.8

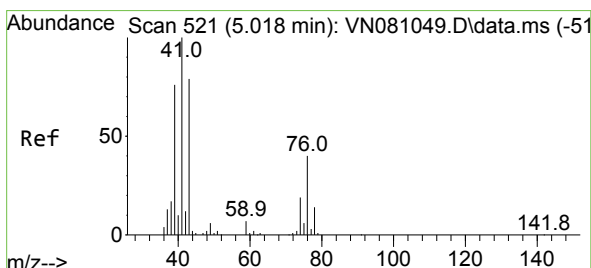
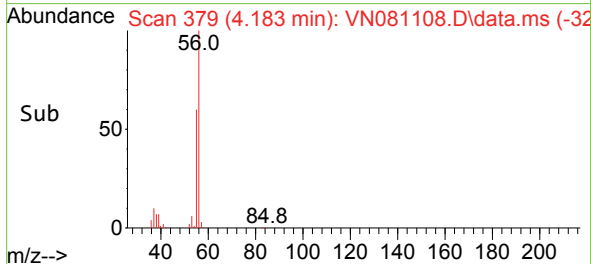
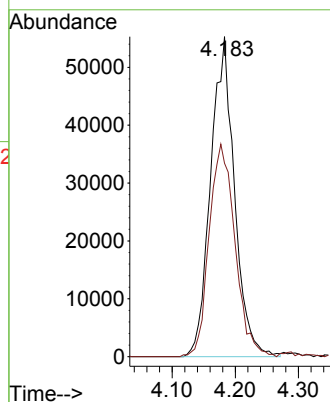
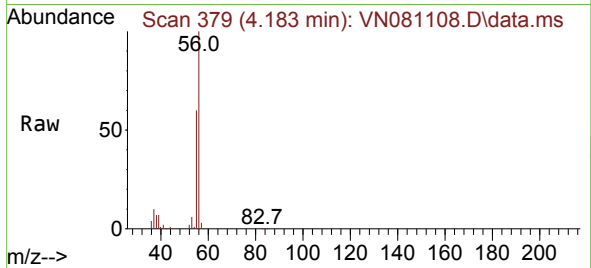




#13
Acrolein
Concen: 318.490 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

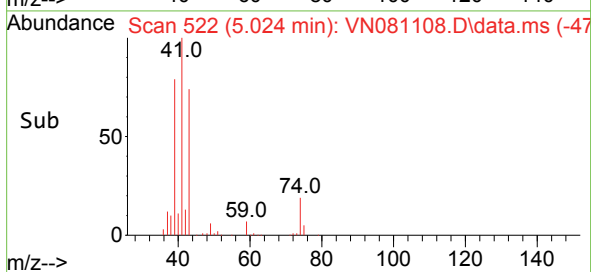
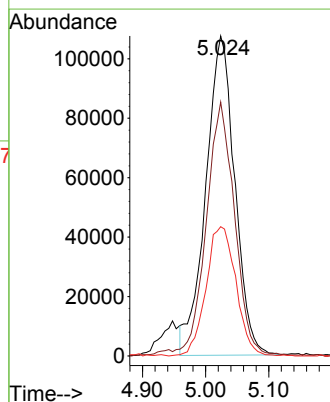
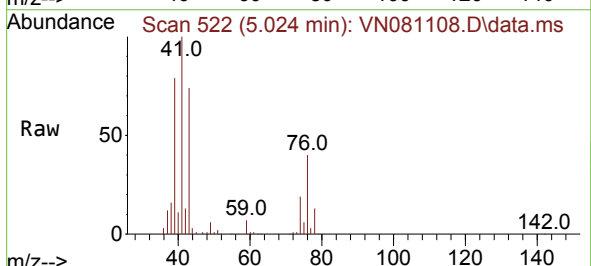
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

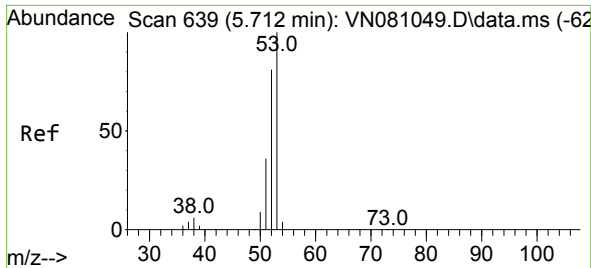
Tgt Ion: 56 Resp: 144946
Ion Ratio Lower Upper
56 100
55 72.0 55.3 82.9



#14
Allyl chloride
Concen: 54.301 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 41 Resp: 343217
Ion Ratio Lower Upper
41 100
39 77.1 57.7 86.5
76 41.7 26.8 40.2#

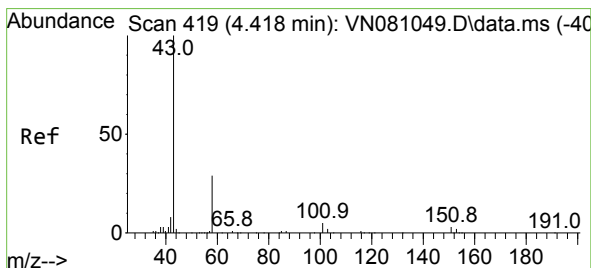
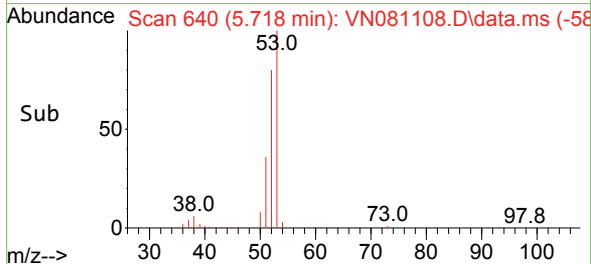
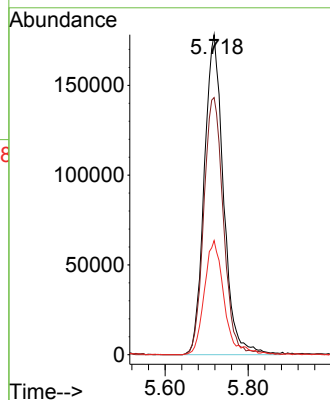
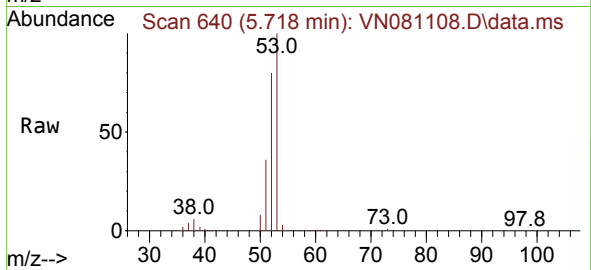




#15
Acrylonitrile
Concen: 258.606 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

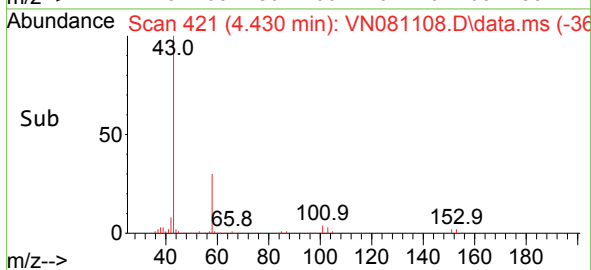
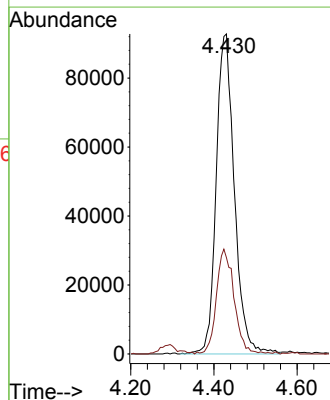
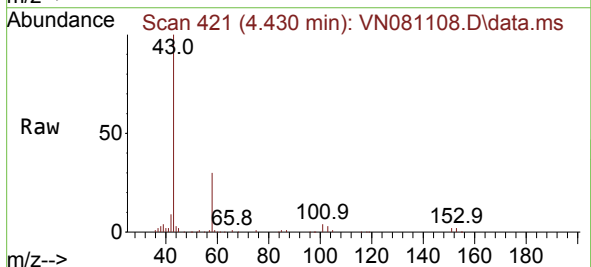
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

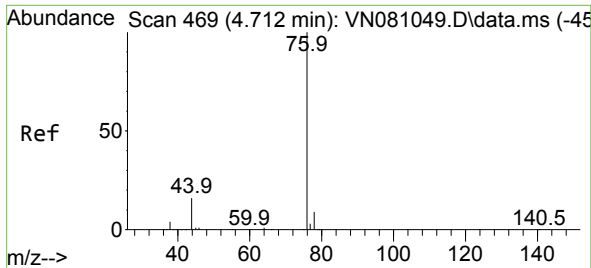
Tgt Ion: 53 Resp: 573483
Ion Ratio Lower Upper
53 100
52 82.2 64.8 97.2
51 36.4 26.9 40.3



#16
Acetone
Concen: 154.804 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 43 Resp: 281238
Ion Ratio Lower Upper
43 100
58 30.1 24.8 37.2

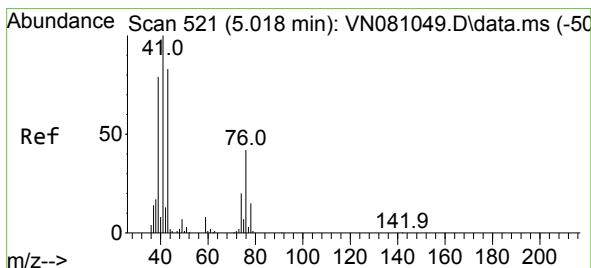
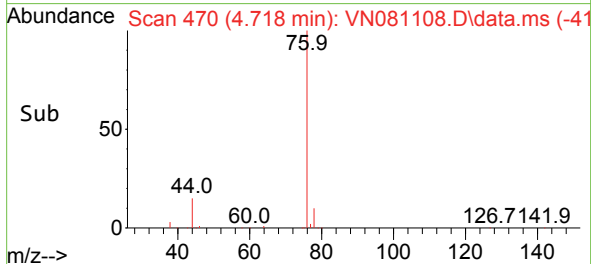
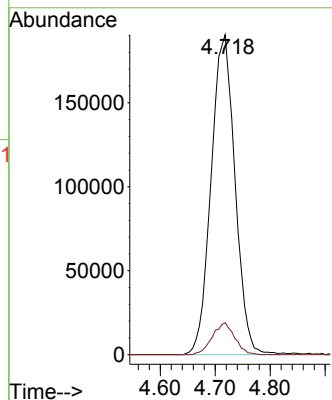
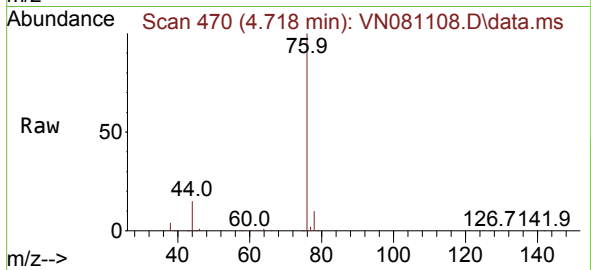




#17
Carbon Disulfide
Concen: 48.494 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

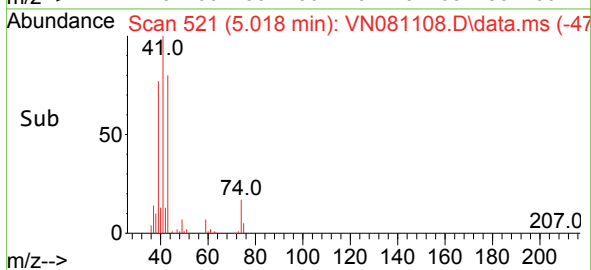
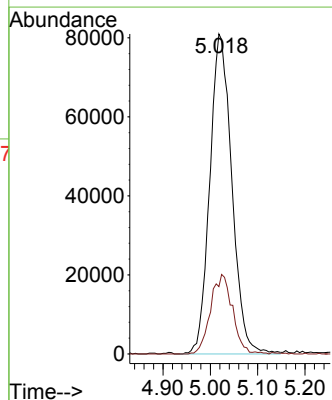
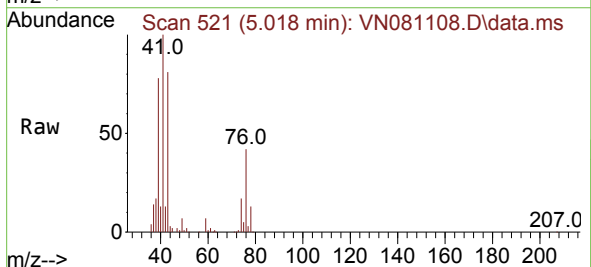
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

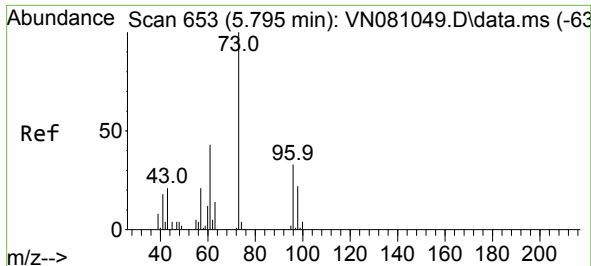
Tgt Ion: 76 Resp: 576187
Ion Ratio Lower Upper
76 100
78 10.0 6.3 9.5#



#18
Methyl Acetate
Concen: 59.108 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 43 Resp: 261959
Ion Ratio Lower Upper
43 100
74 24.5 17.3 25.9

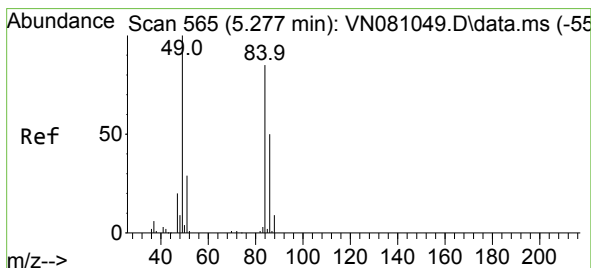
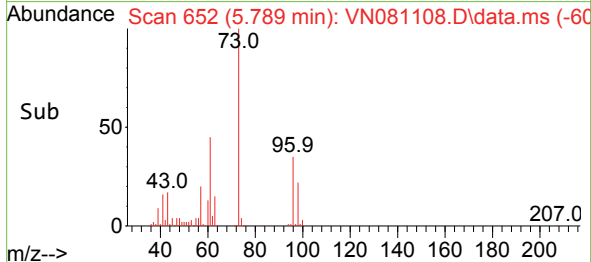
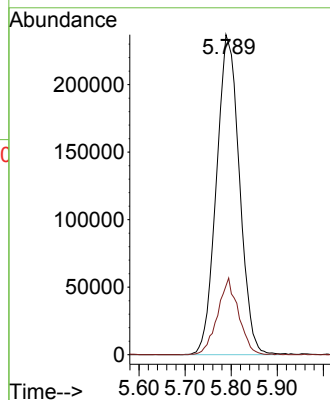
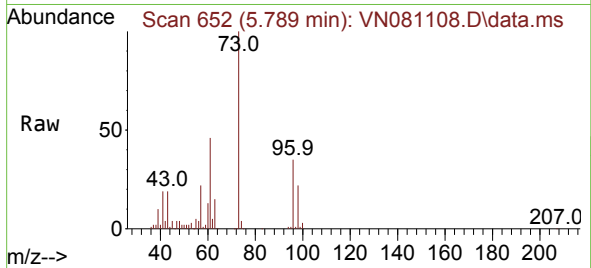




#19
Methyl tert-butyl Ether
Concen: 56.211 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

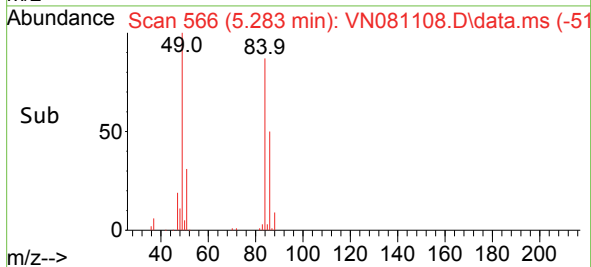
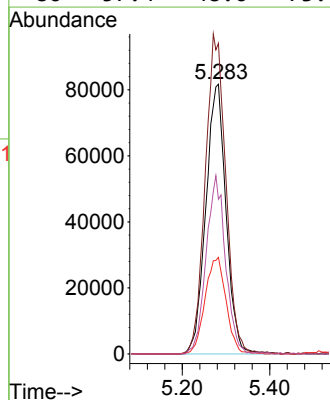
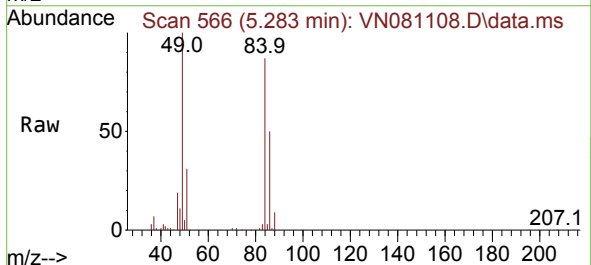
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

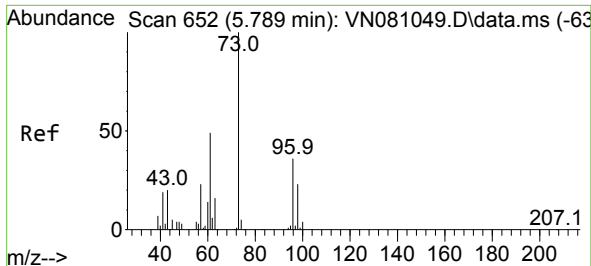
Tgt Ion: 73 Resp: 820114
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.4



#20
Methylene Chloride
Concen: 56.203 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 84 Resp: 263606
Ion Ratio Lower Upper
84 100
49 115.2 108.1 162.1
51 35.8 32.9 49.3
86 57.4 48.6 73.0

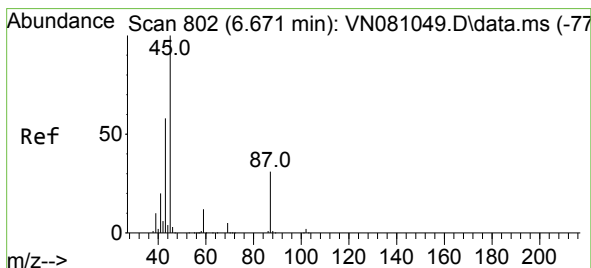
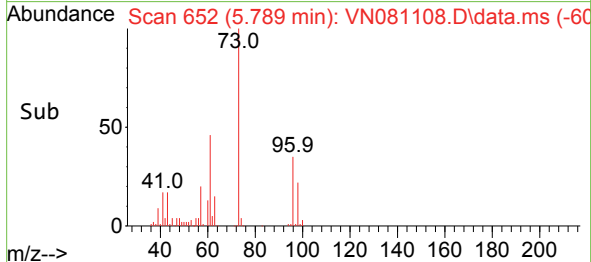
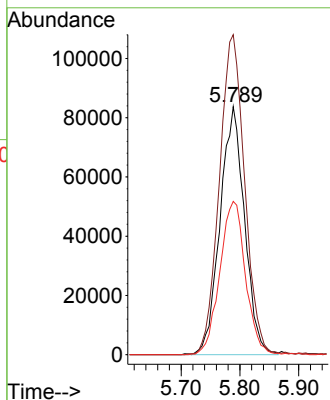
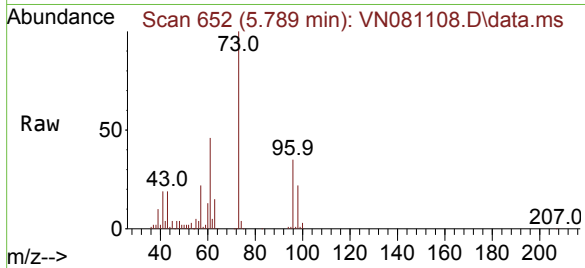




#21
trans-1,2-Dichloroethene
Concen: 50.920 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

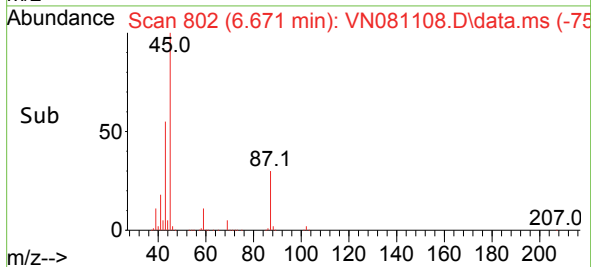
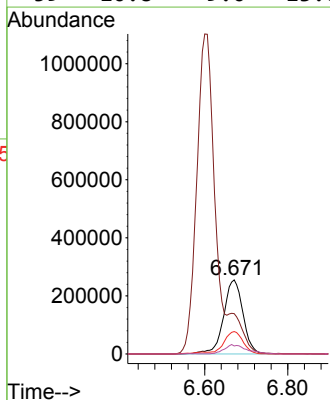
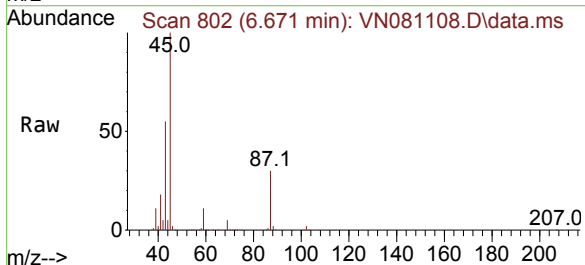
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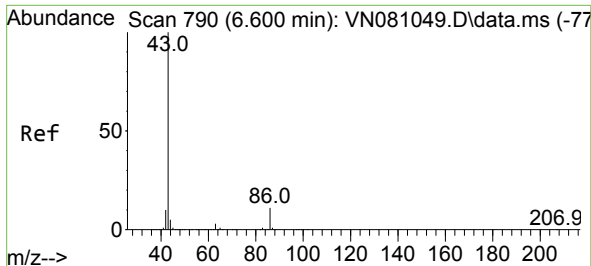
Tgt Ion: 96 Resp: 242007
Ion Ratio Lower Upper
96 100
61 129.0 112.8 169.2
98 61.8 51.0 76.4



#22
Diisopropyl ether
Concen: 57.490 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 45 Resp: 824284
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 30.3 18.1 27.1#
59 10.8 9.0 13.6

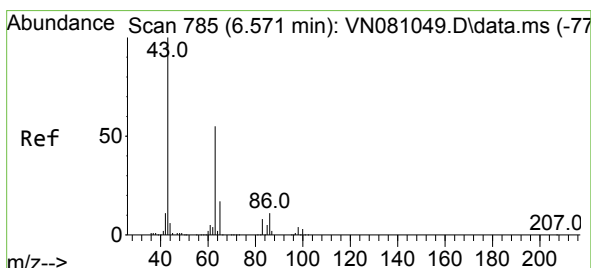
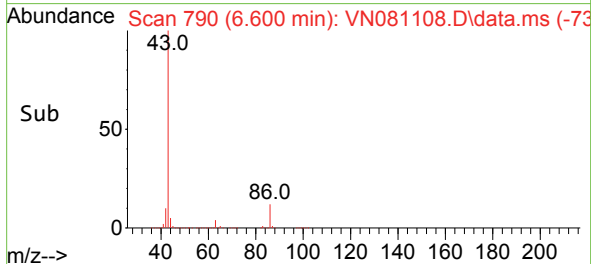
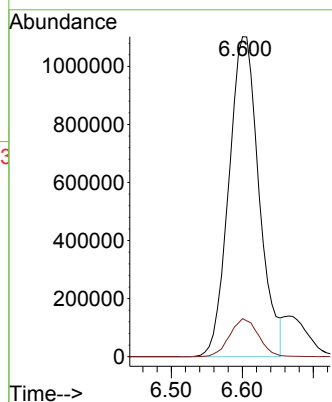
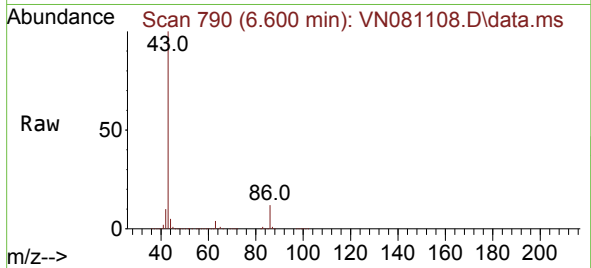




#23
 Vinyl Acetate
 Concen: 280.041 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

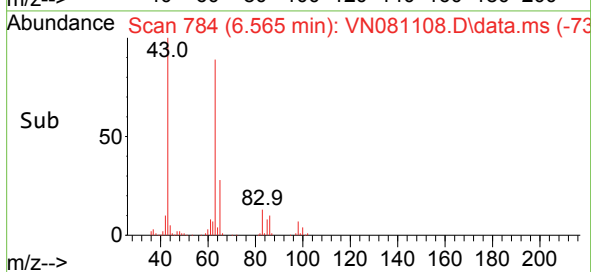
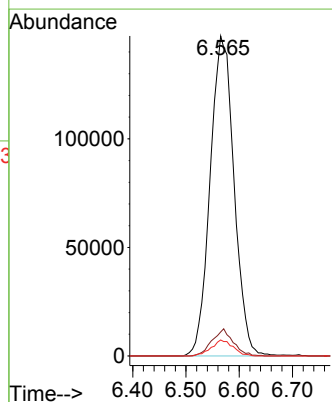
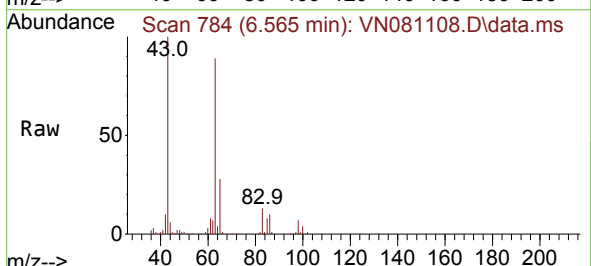
Instrument :
 MSVOA_N
 ClientSampleId :
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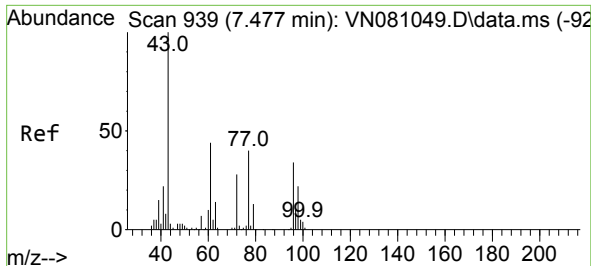
Tgt Ion: 43 Resp: 3257677
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 55.348 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

Tgt Ion: 63 Resp: 458856
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.6
 100 5.0 1.9 5.7

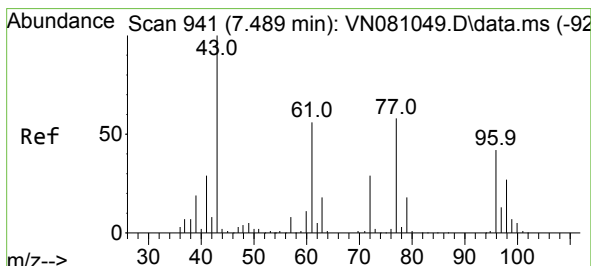
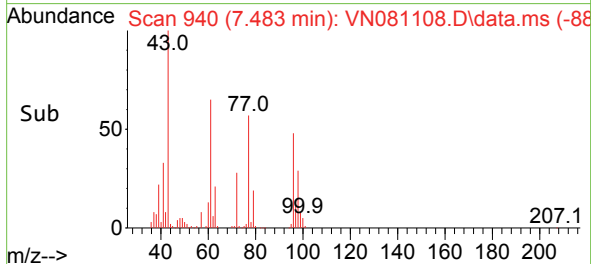
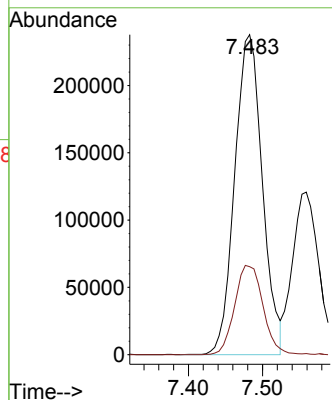
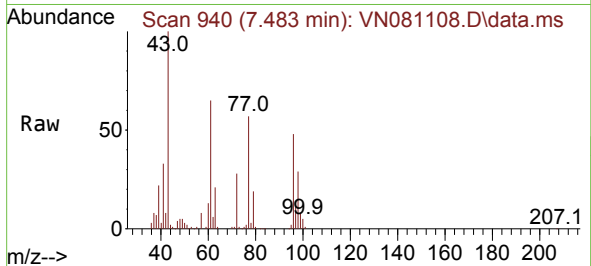




#25
2-Butanone
Concen: 209.960 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

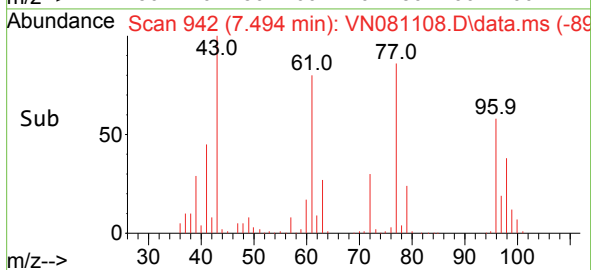
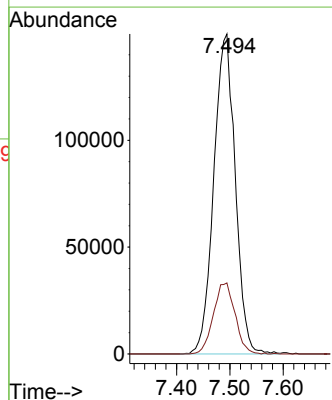
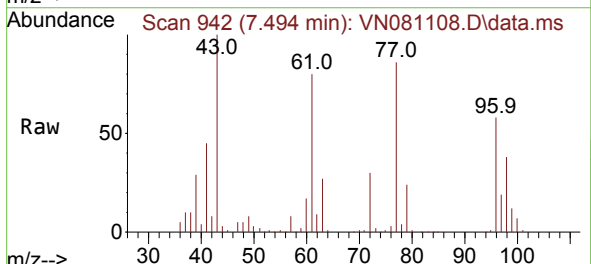
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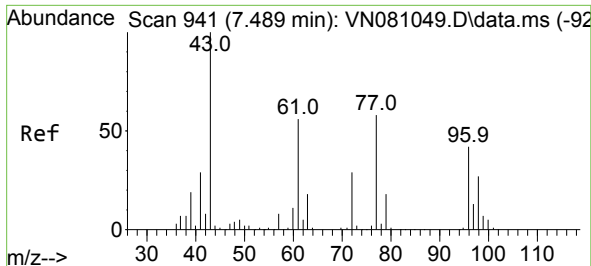
Tgt Ion: 43 Resp: 616232
Ion Ratio Lower Upper
43 100
72 27.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 53.862 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 77 Resp: 418398
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 54.231 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

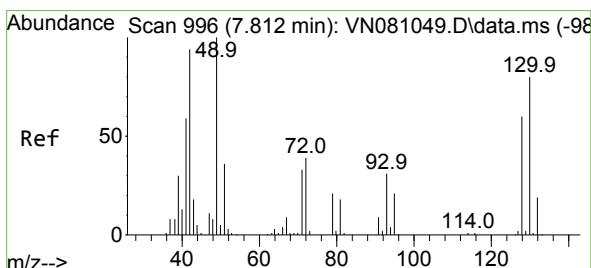
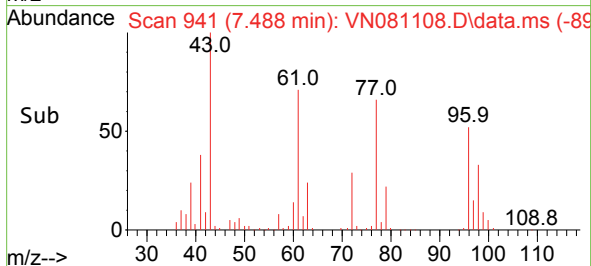
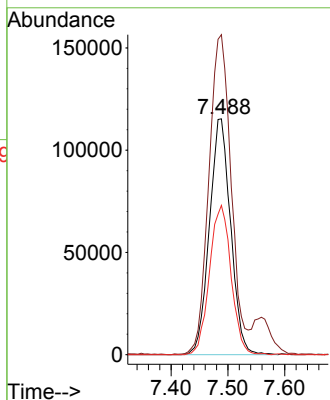
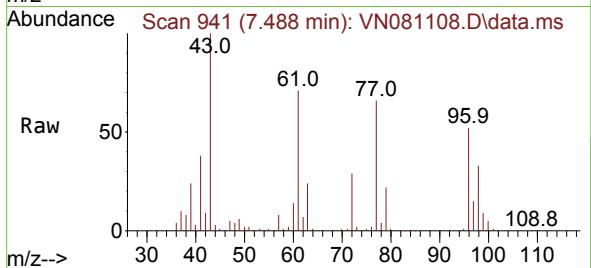
Tgt Ion: 96 Resp: 299459

Ion Ratio Lower Upper

96 100

61 142.3 0.0 325.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 52.431 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

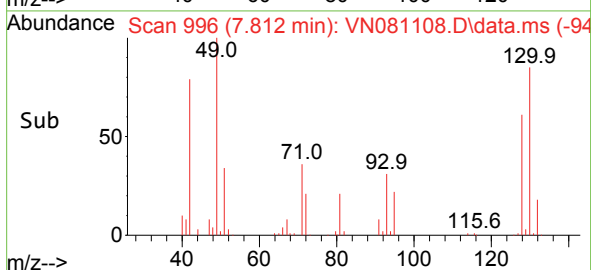
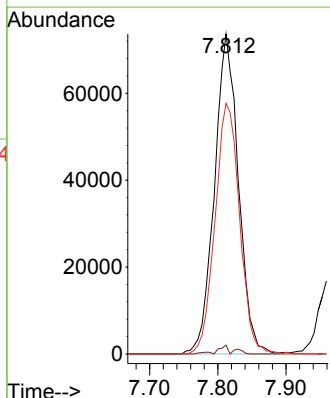
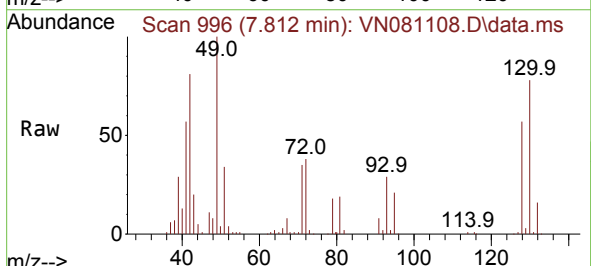
Tgt Ion: 49 Resp: 180201

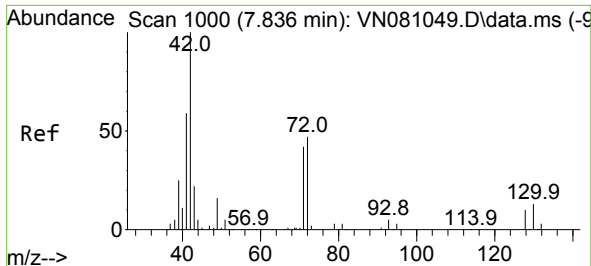
Ion Ratio Lower Upper

49 100

129 0.9 0.0 1.6

130 80.3 42.3 63.5#

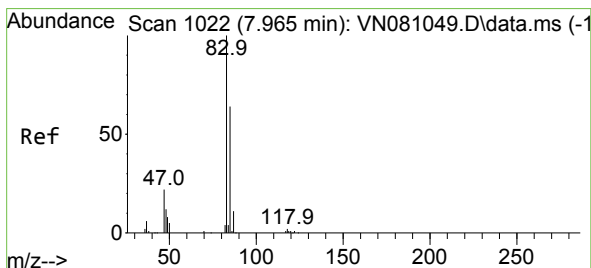
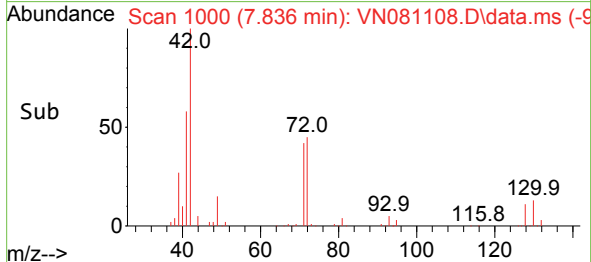
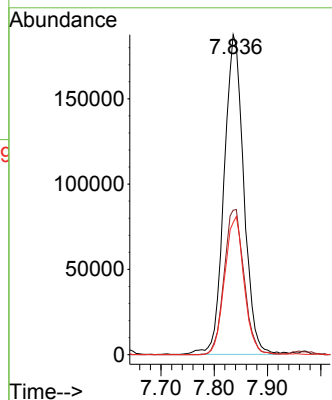
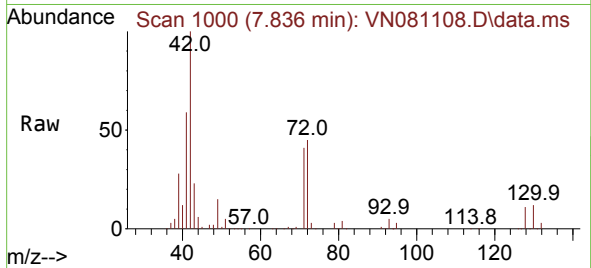




#29
Tetrahydrofuran
Concen: 245.492 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

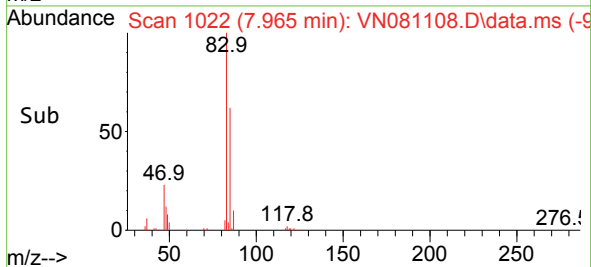
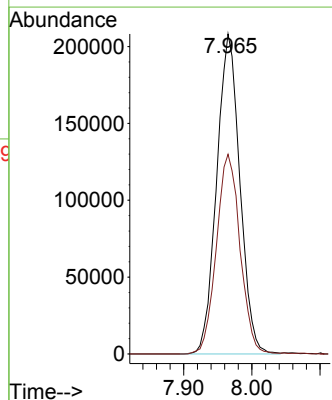
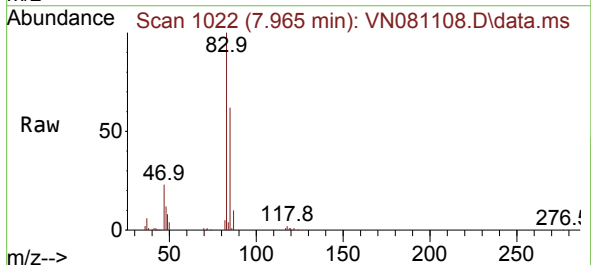
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

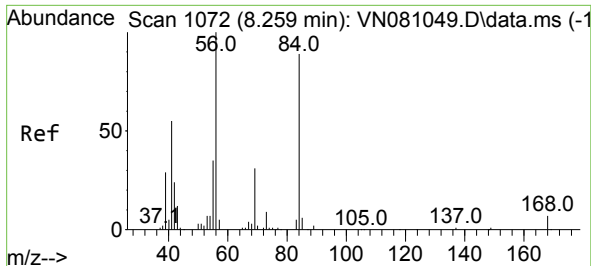
Tgt Ion: 42 Resp: 480979
Ion Ratio Lower Upper
42 100
72 46.2 31.1 46.7
71 42.8 28.3 42.5#



#30
Chloroform
Concen: 55.902 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 83 Resp: 492677
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.6

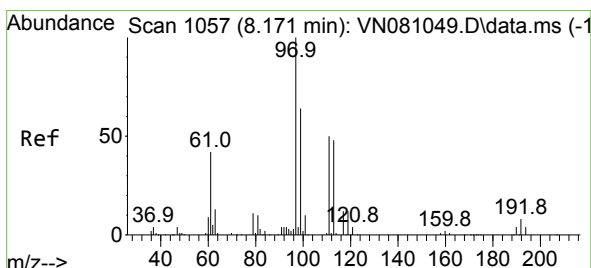
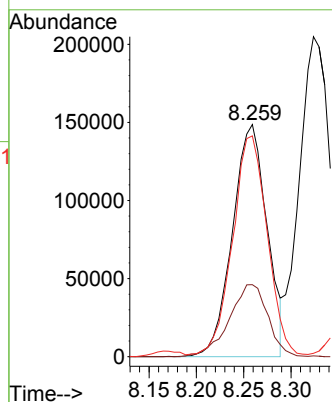
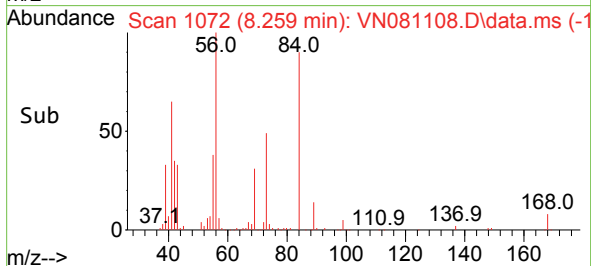
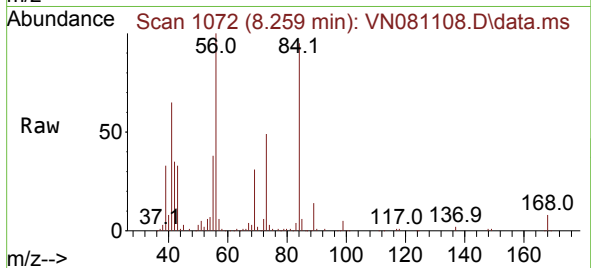




#31
Cyclohexane
Concen: 47.351 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

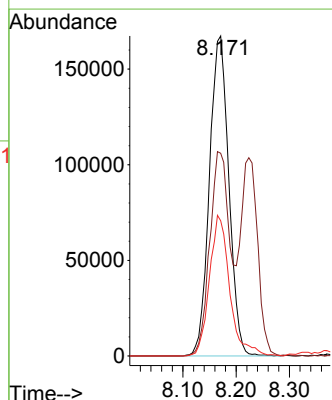
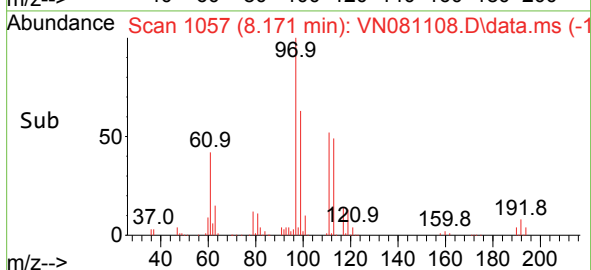
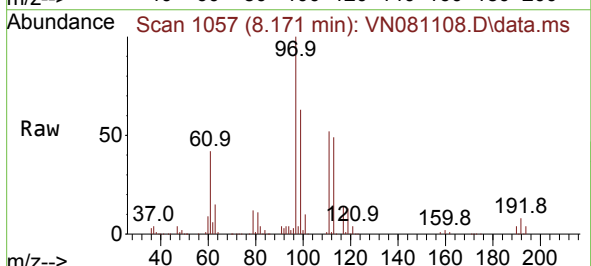
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

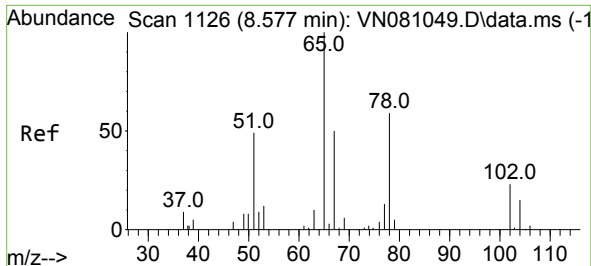
Tgt Ion: 56 Resp: 377495
Ion Ratio Lower Upper
56 100
69 30.5 20.1 30.1#
84 93.2 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 52.680 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 97 Resp: 422836
Ion Ratio Lower Upper
97 100
99 67.3 53.4 80.0
61 46.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.896 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

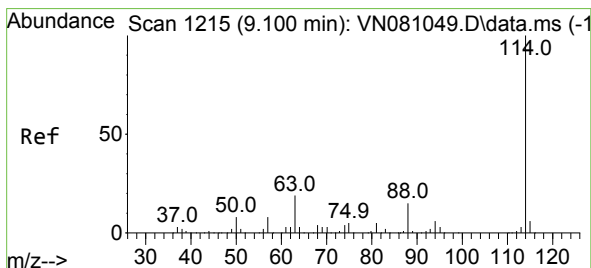
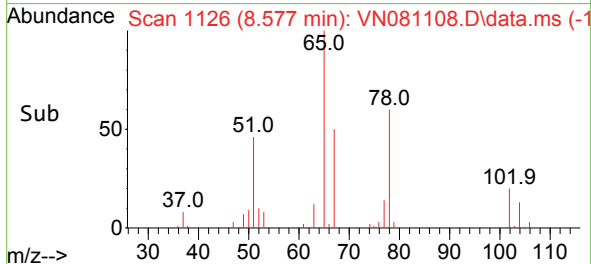
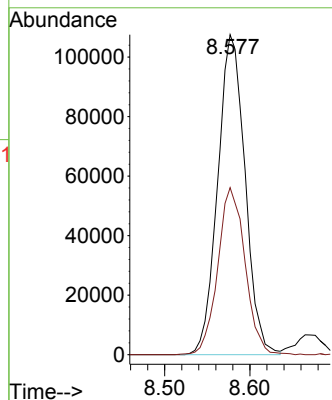
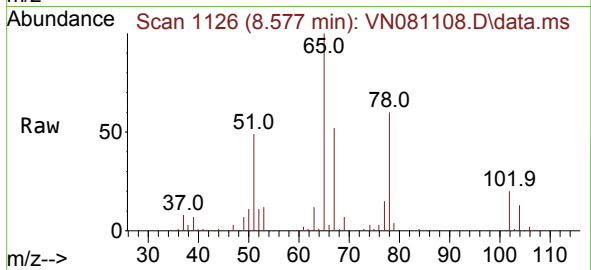
VSTDCCC050

Tgt Ion: 65 Resp: 239610

Ion Ratio Lower Upper

65 100

67 52.1 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: VN081108.D

Acq: 21 Feb 2024 10:02

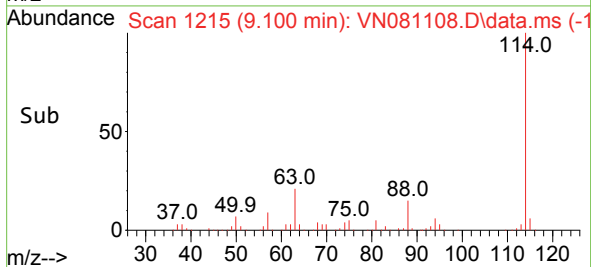
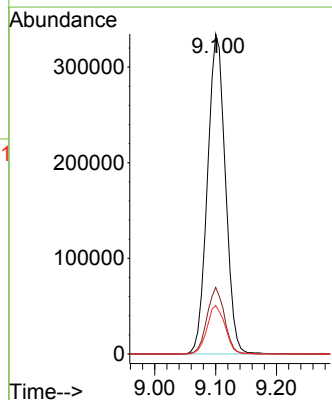
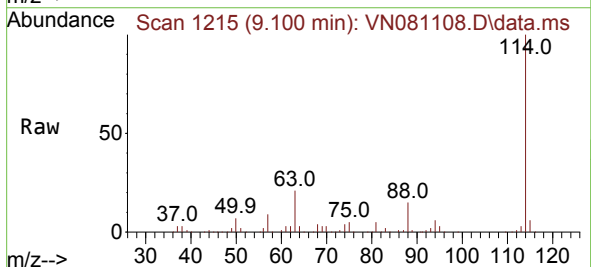
Tgt Ion: 114 Resp: 683521

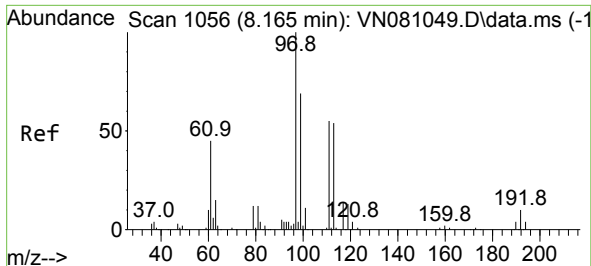
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 15.1 0.0 34.8

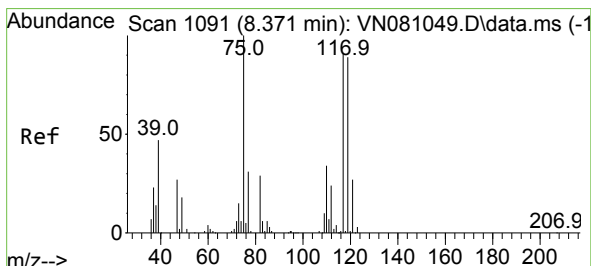
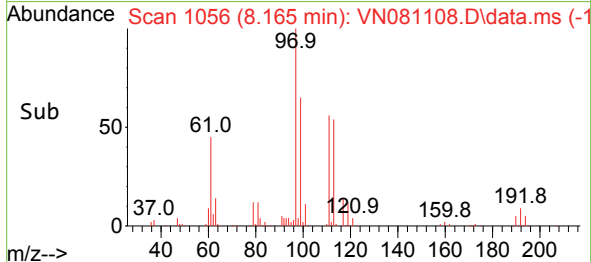
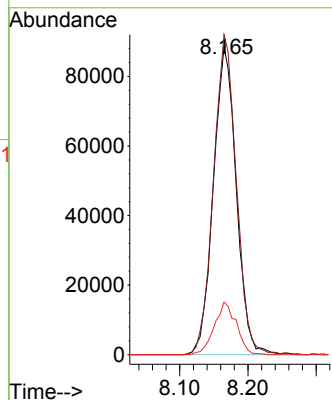
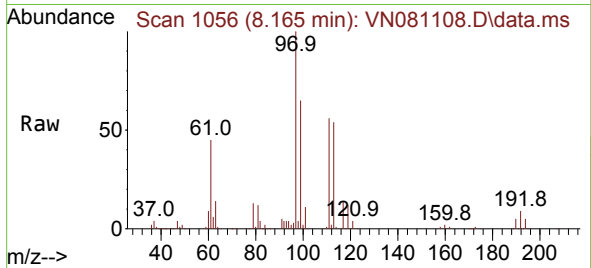




#35
Dibromofluoromethane
Concen: 53.524 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

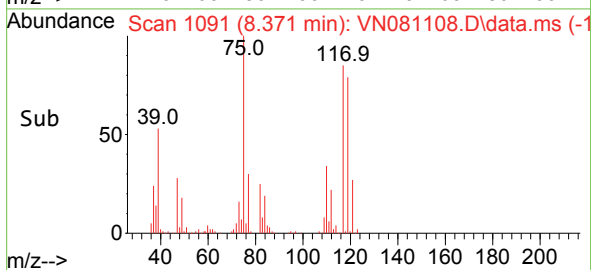
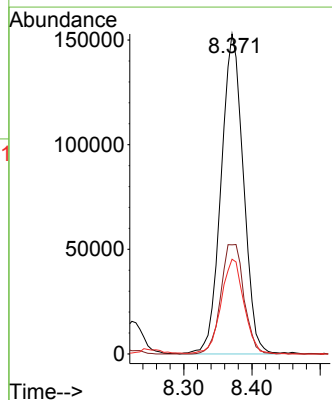
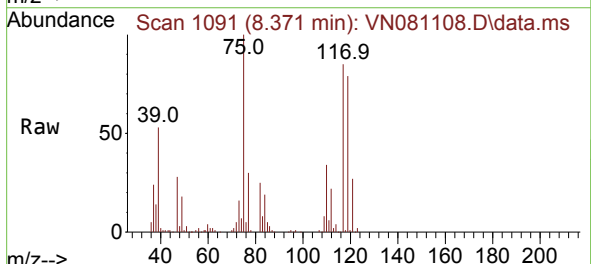
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

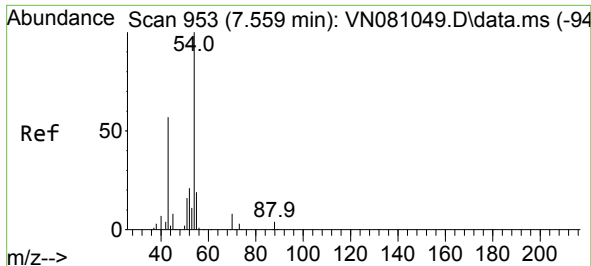
Tgt Ion:113 Resp: 206875
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 52.533 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 75 Resp: 347863
Ion Ratio Lower Upper
75 100
110 35.6 16.0 48.0
77 30.5 25.8 38.6

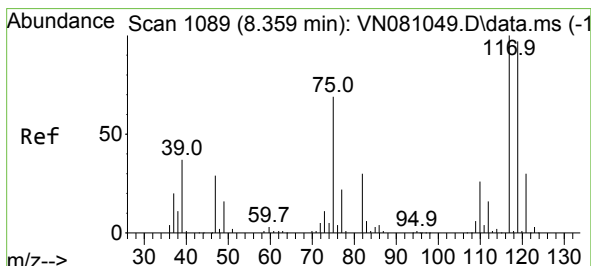
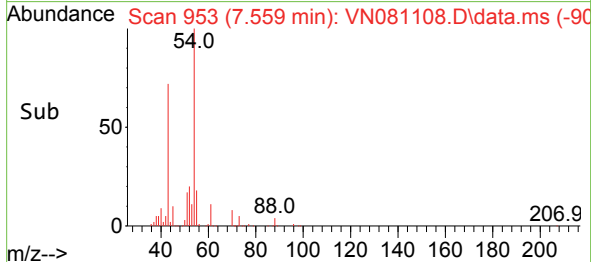
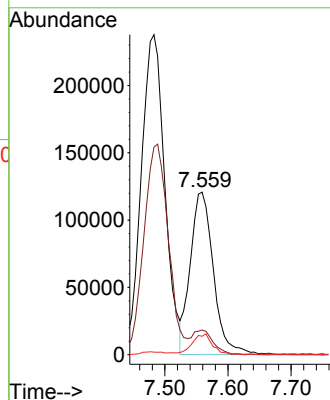
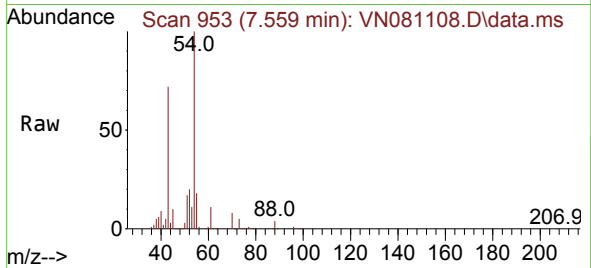




#37
Ethyl Acetate
Concen: 51.263 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

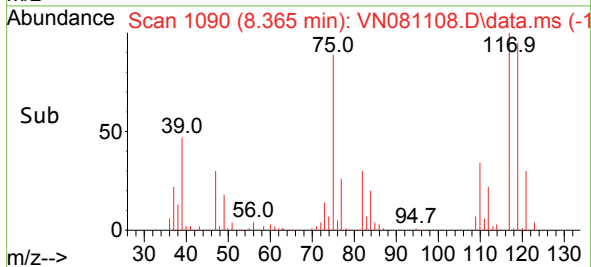
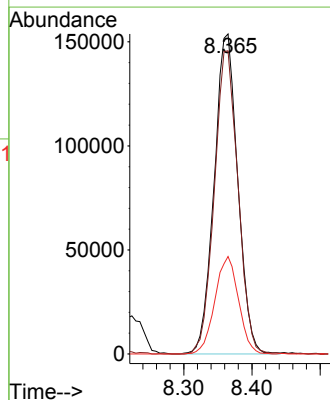
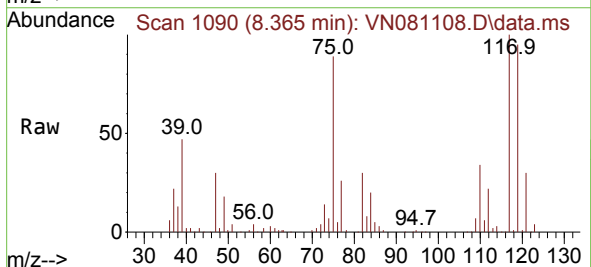
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

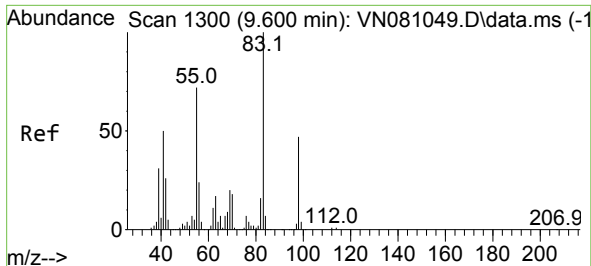
Tgt Ion: 43 Resp: 306357
Ion Ratio Lower Upper
43 100
61 14.2 10.6 15.8
70 11.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 55.415 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 117 Resp: 371251
Ion Ratio Lower Upper
117 100
119 94.8 73.4 110.2
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 53.067 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

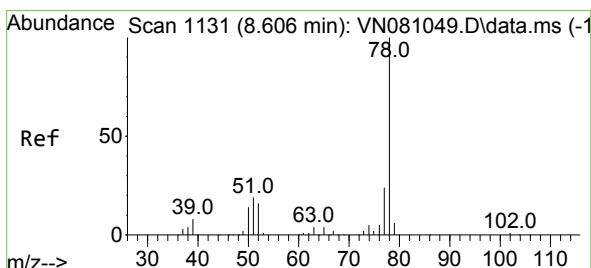
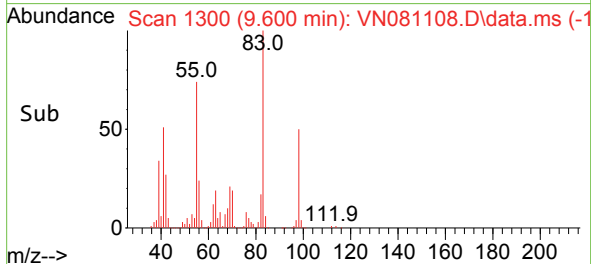
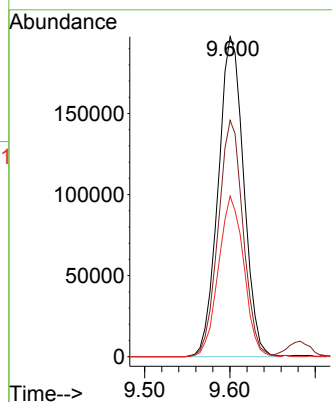
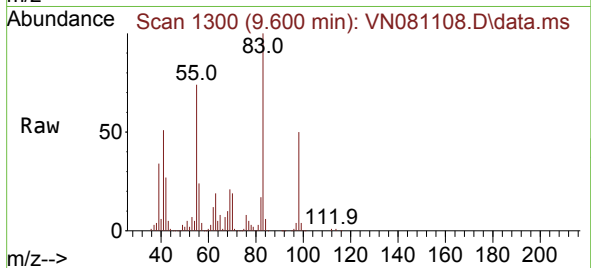
Tgt Ion: 83 Resp: 409630

Ion Ratio Lower Upper

83 100

55 73.8 65.7 98.5

98 50.1 33.8 50.6



#40

Benzene

Concen: 55.205 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081108.D

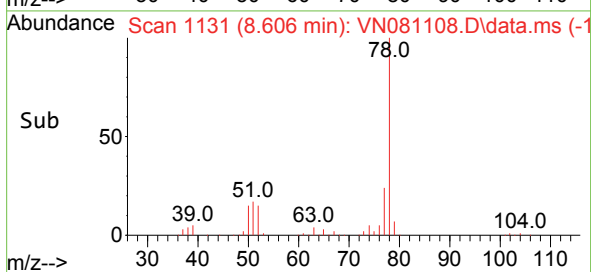
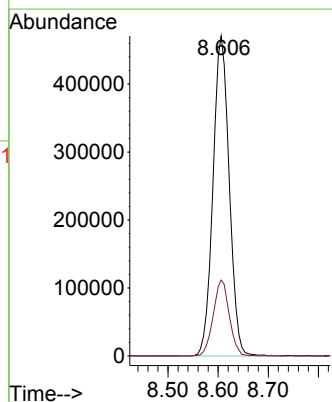
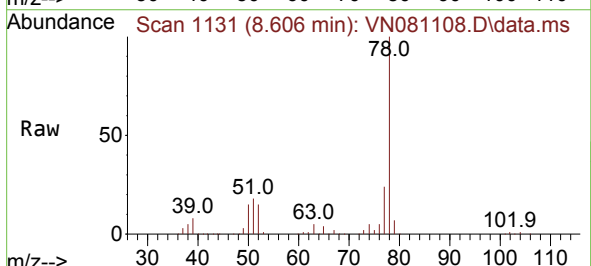
Acq: 21 Feb 2024 10:02

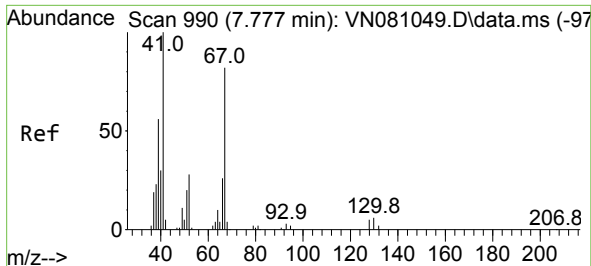
Tgt Ion: 78 Resp: 1058099

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

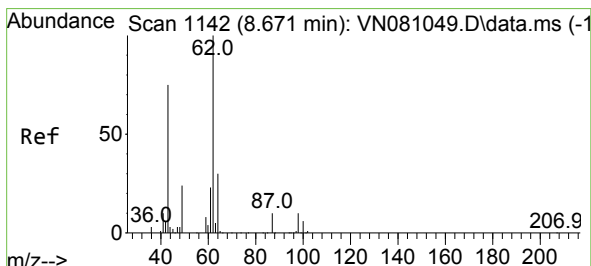
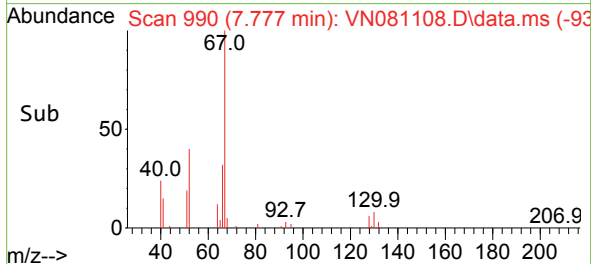
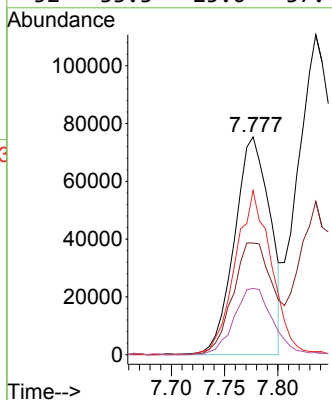
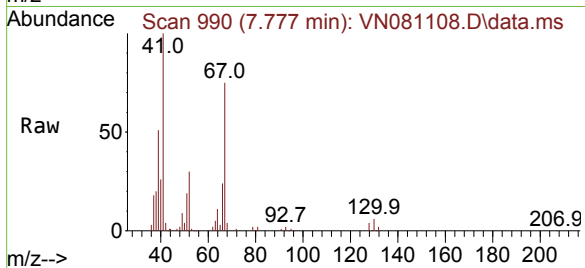




#41
Methacrylonitrile
Concen: 51.549 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

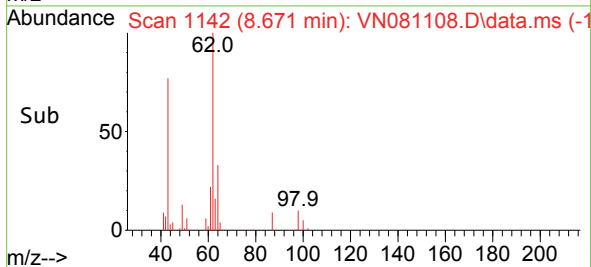
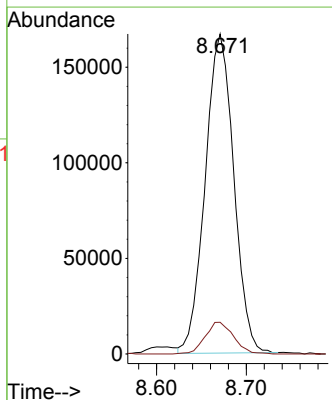
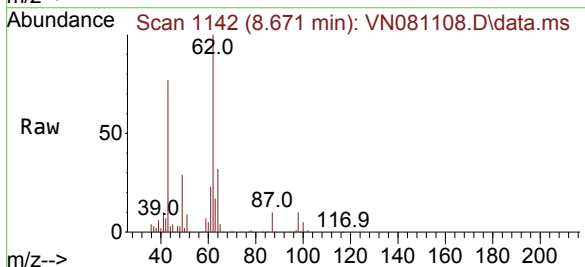
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

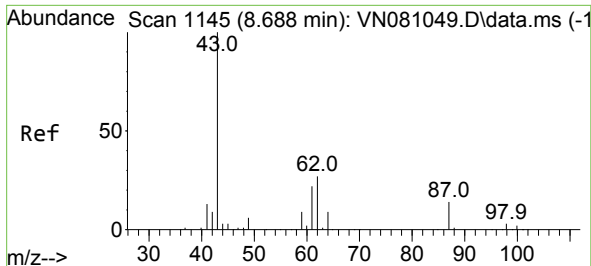
Tgt Ion:	41	Resp:	175327
Ion	Ratio	Lower	Upper
41	100		
39	59.0	48.4	72.6
67	77.3	56.8	85.2
52	33.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 55.268 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:	62	Resp:	369571
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0

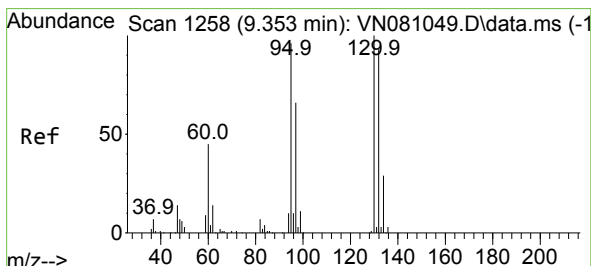
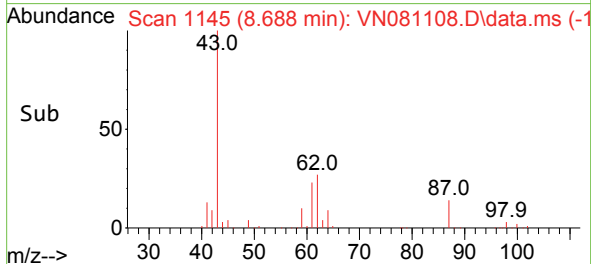
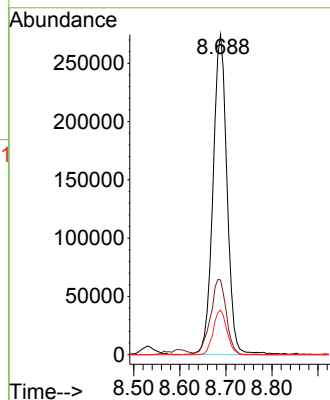
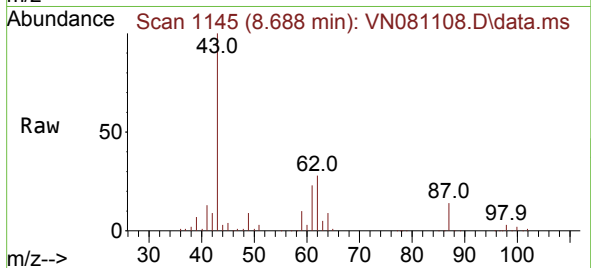




#43
Isopropyl Acetate
Concen: 55.606 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

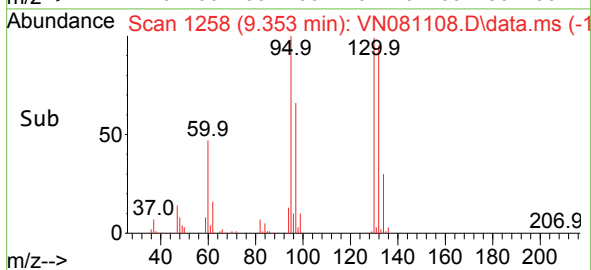
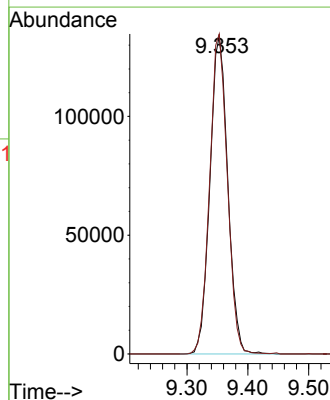
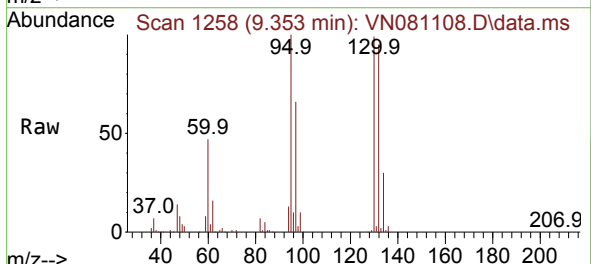
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

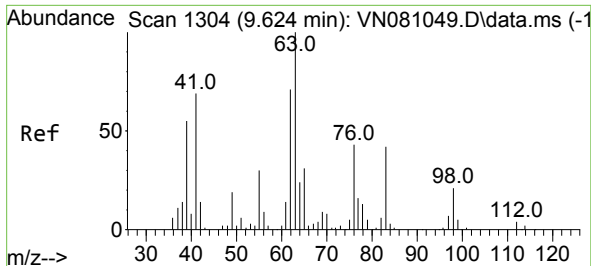
Tgt Ion: 43 Resp: 581189
Ion Ratio Lower Upper
43 100
61 26.3 19.9 29.9
87 13.6 9.0 13.6#



#44
Trichloroethene
Concen: 53.451 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:130 Resp: 272861
Ion Ratio Lower Upper
130 100
95 100.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 57.463 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

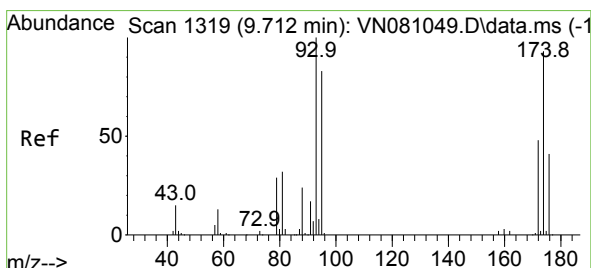
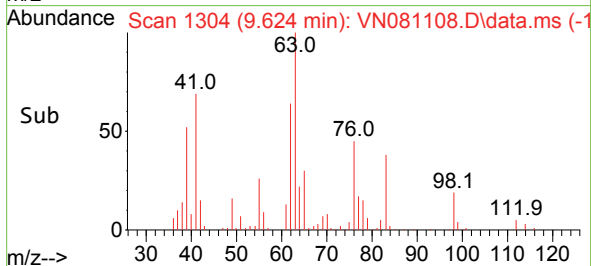
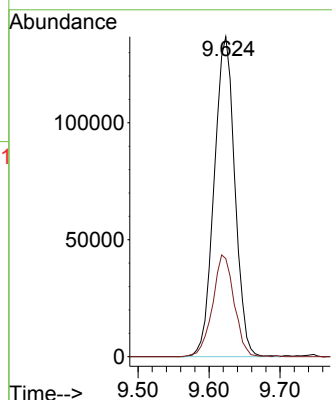
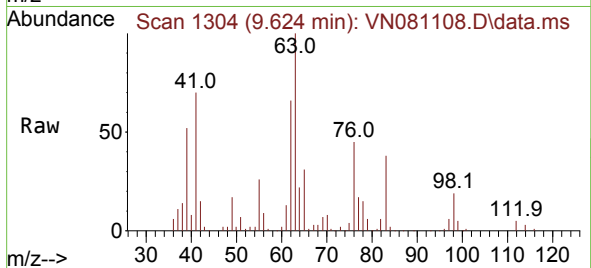
VSTDCCC050

Tgt Ion: 63 Resp: 275504

Ion Ratio Lower Upper

63 100

65 30.6 26.1 39.1



#46

Dibromomethane

Concen: 55.511 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

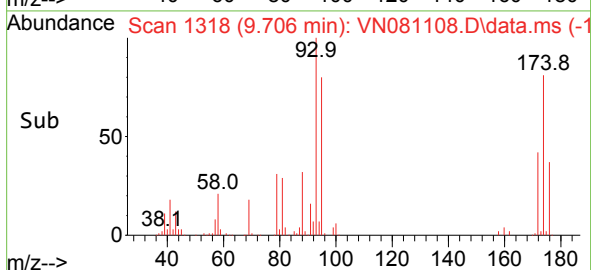
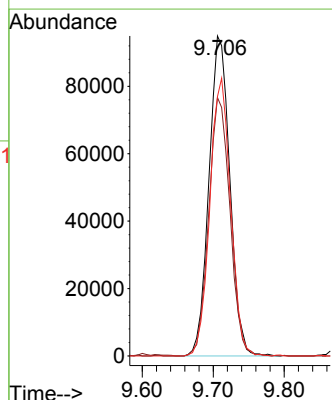
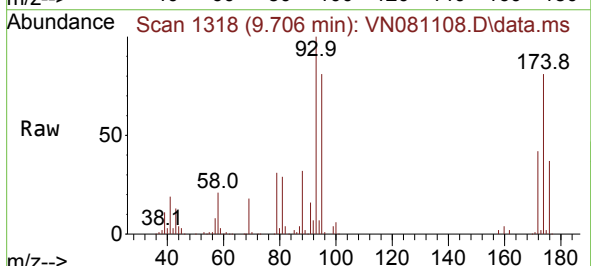
Tgt Ion: 93 Resp: 193916

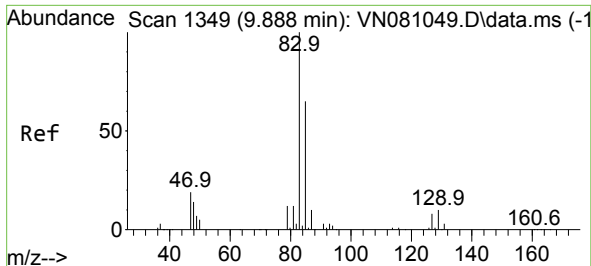
Ion Ratio Lower Upper

93 100

95 81.9 68.1 102.1

174 86.2 57.2 85.8#

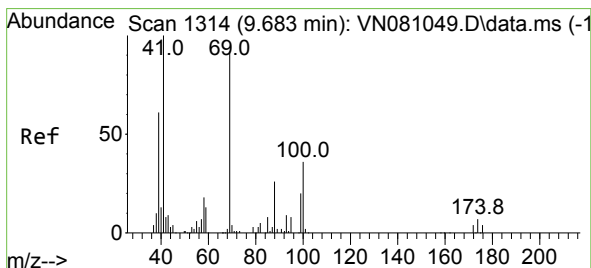
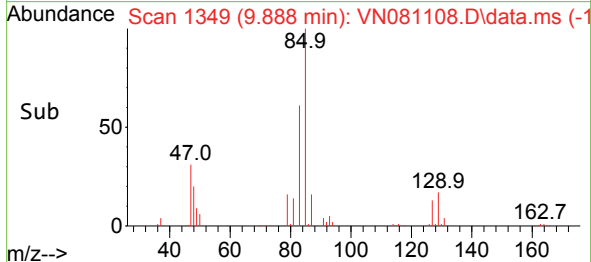
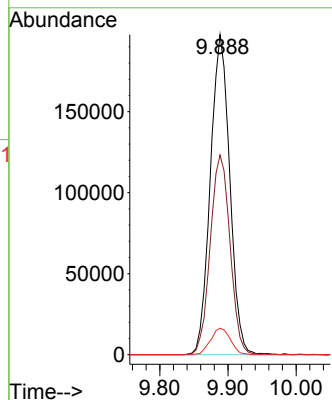
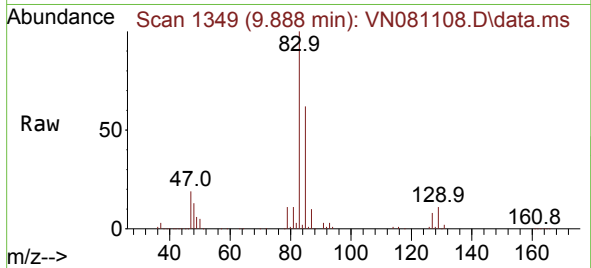




#47
Bromodichloromethane
Concen: 59.174 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

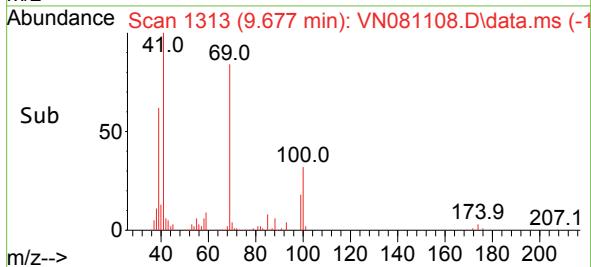
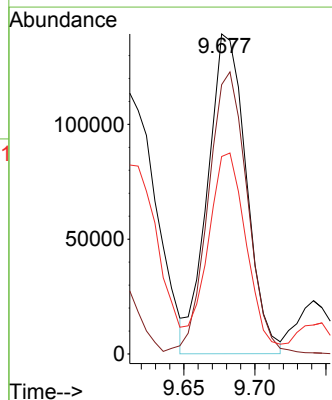
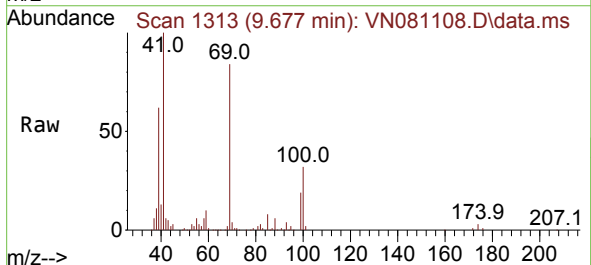
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

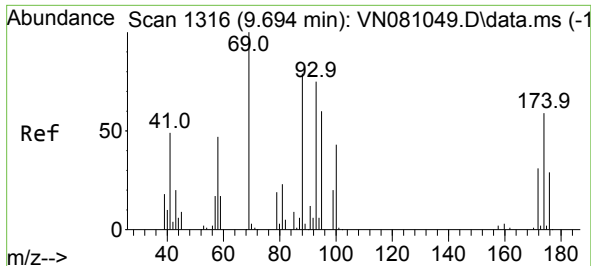
Tgt Ion: 83 Resp: 391502
Ion Ratio Lower Upper
83 100
85 62.4 52.3 78.5
127 8.2 4.6 7.0#



#48
Methyl methacrylate
Concen: 54.186 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 41 Resp: 263529
Ion Ratio Lower Upper
41 100
69 89.7 62.2 93.2
39 63.6 47.6 71.4





#49

1,4-Dioxane

Concen: 896.698 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

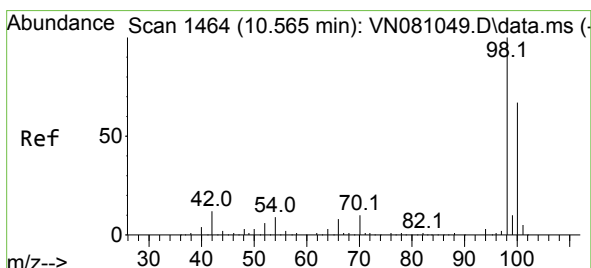
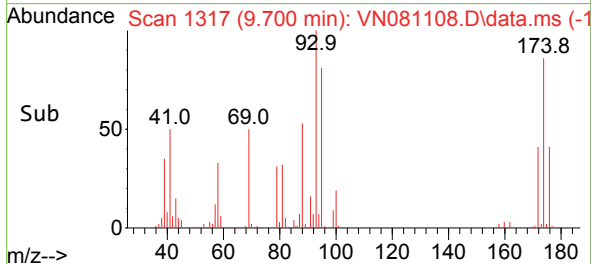
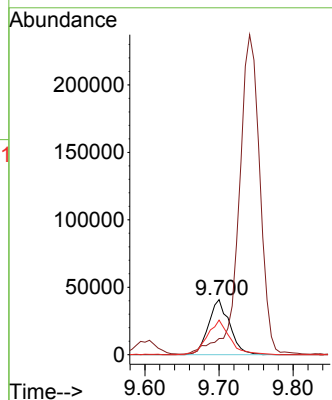
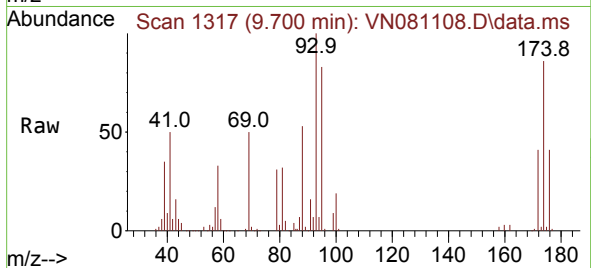
Tgt Ion: 88 Resp: 80620

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 67.0 63.9 95.9



#50

Toluene-d8

Concen: 49.612 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081108.D

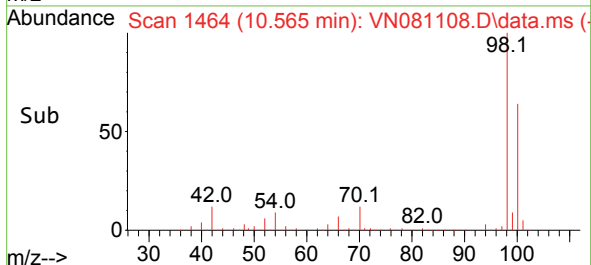
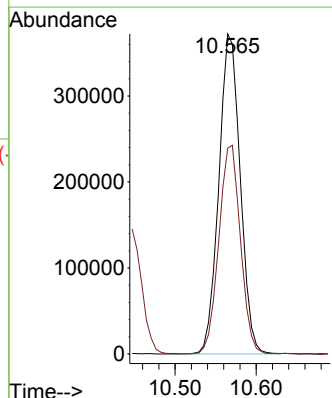
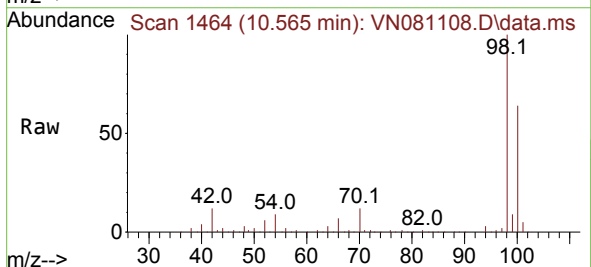
Acq: 21 Feb 2024 10:02

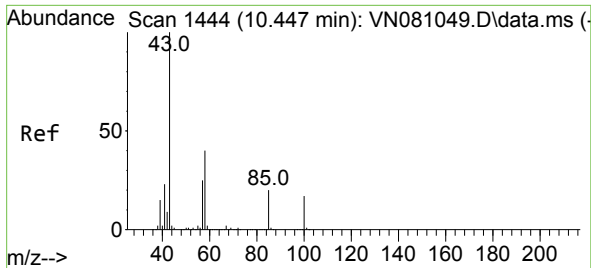
Tgt Ion: 98 Resp: 681068

Ion Ratio Lower Upper

98 100

100 66.0 51.4 77.0

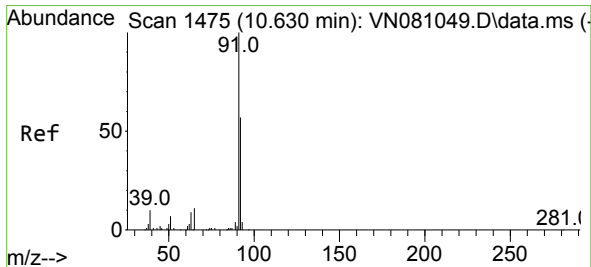
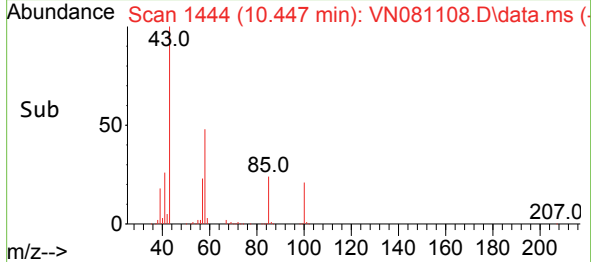
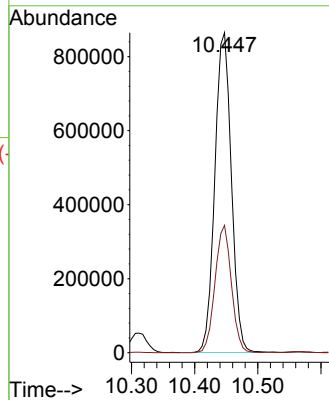
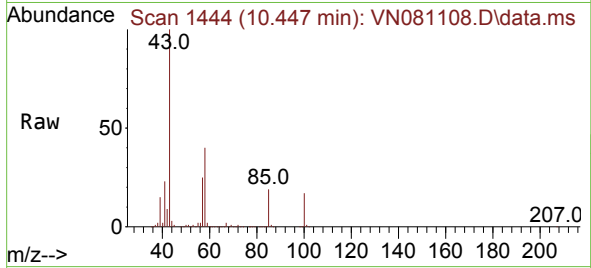




#51
4-Methyl-2-Pentanone
Concen: 261.947 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

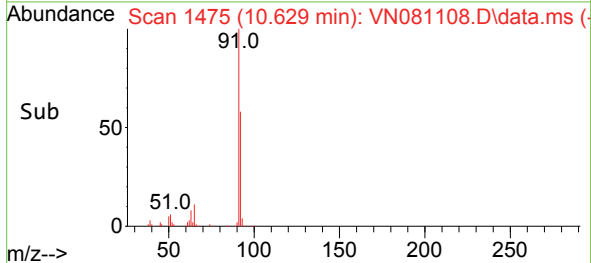
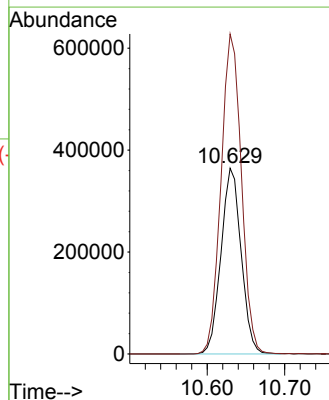
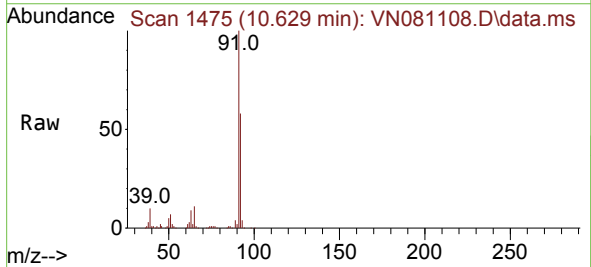
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

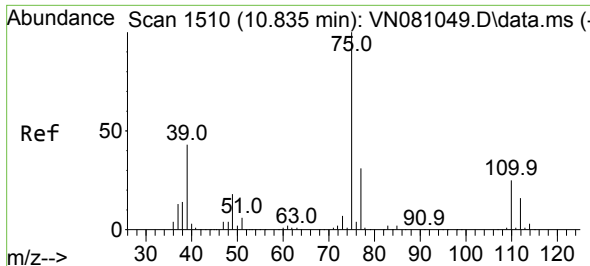
Tgt Ion: 43 Resp: 1574958
Ion Ratio Lower Upper
43 100
58 39.4 29.4 44.0



#52
Toluene
Concen: 54.212 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 92 Resp: 657800
Ion Ratio Lower Upper
92 100
91 174.5 139.4 209.0

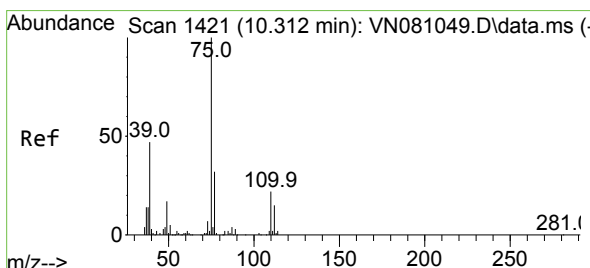
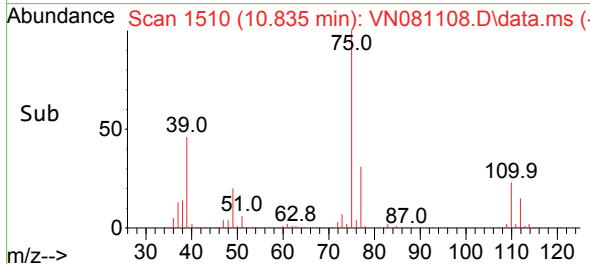
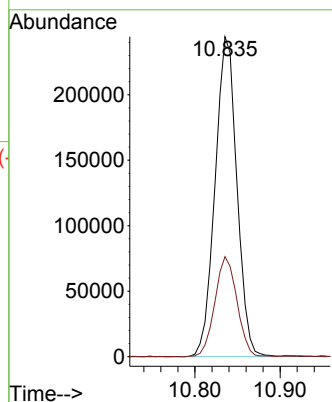
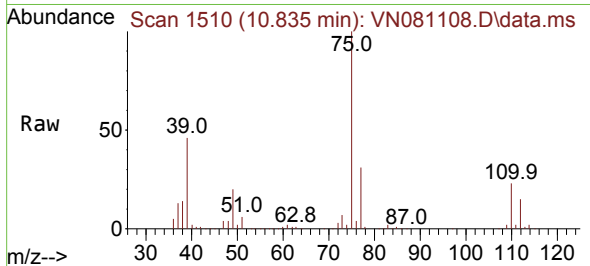




#53
t-1,3-Dichloropropene
Concen: 59.010 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

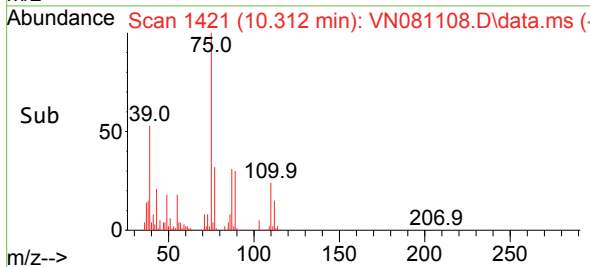
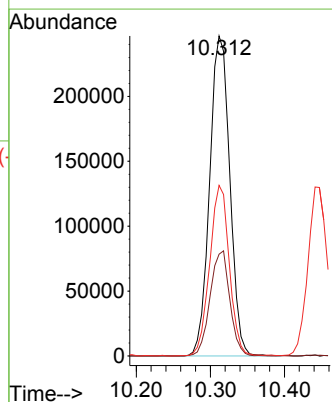
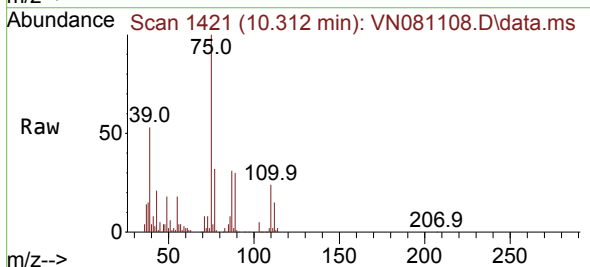
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

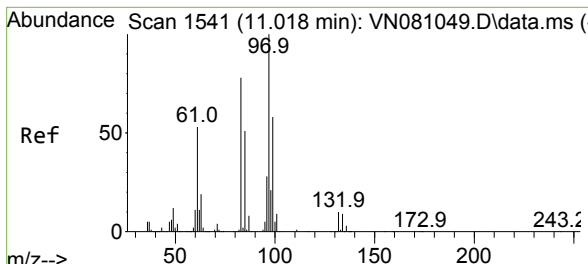
Tgt Ion: 75 Resp: 433853
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 58.654 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 75 Resp: 465915
Ion Ratio Lower Upper
75 100
77 31.8 23.3 34.9
39 53.2 44.6 66.8

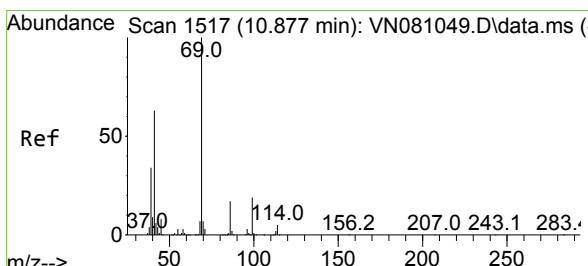
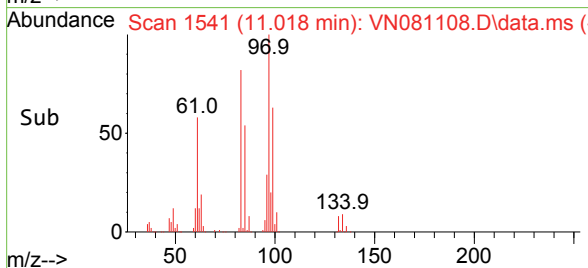
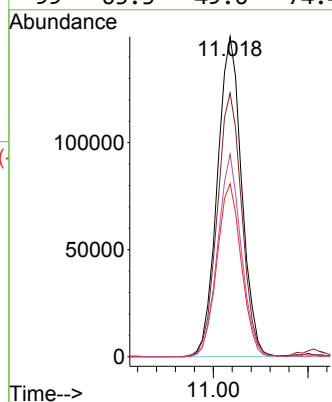
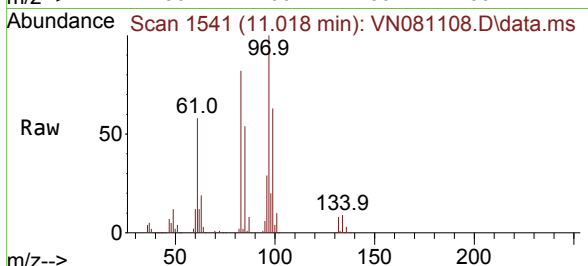




#55
 1,1,2-Trichloroethane
 Concen: 57.275 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

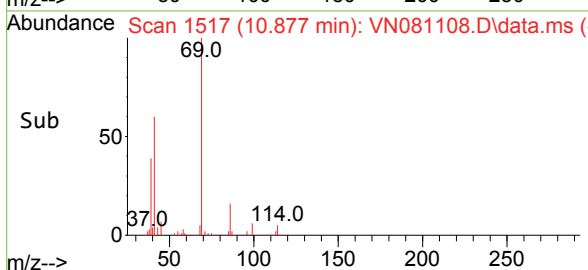
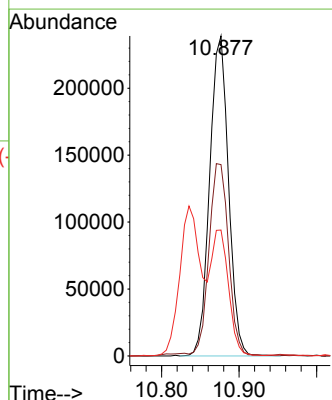
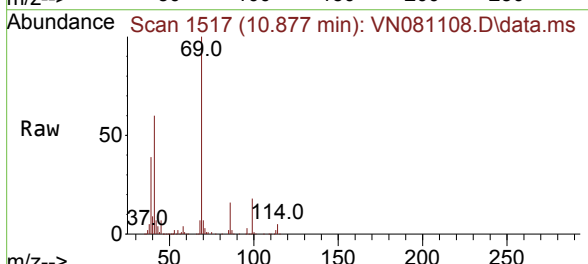
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

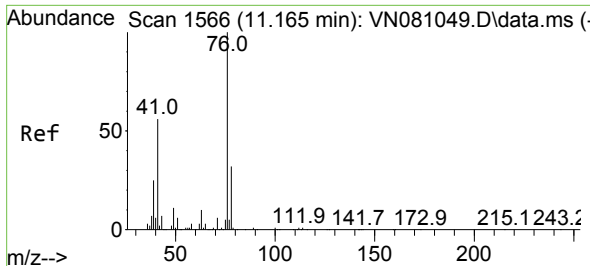
Tgt Ion:	97	Resp:	267298
Ion	Ratio	Lower	Upper
97	100		
83	82.3	72.9	109.3
85	54.0	50.2	75.2
99	63.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 56.592 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

Tgt Ion:	69	Resp:	403645
Ion	Ratio	Lower	Upper
69	100		
41	63.5	61.0	91.6
39	35.2	31.8	47.6





#57

1,3-Dichloropropane

Concen: 56.532 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

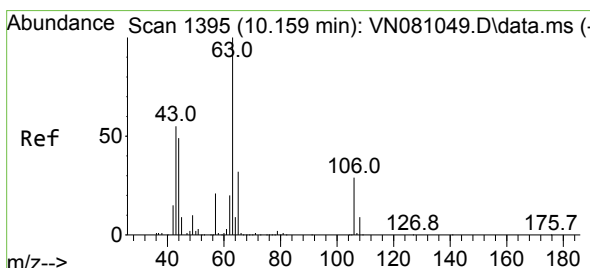
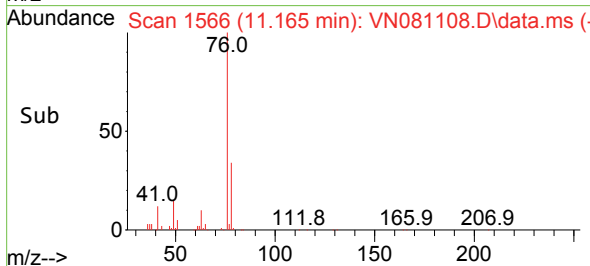
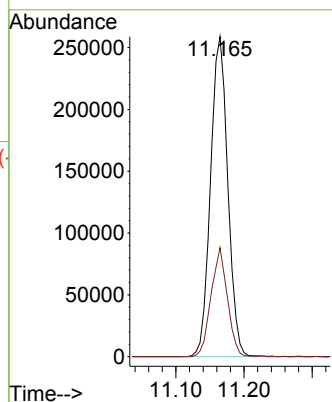
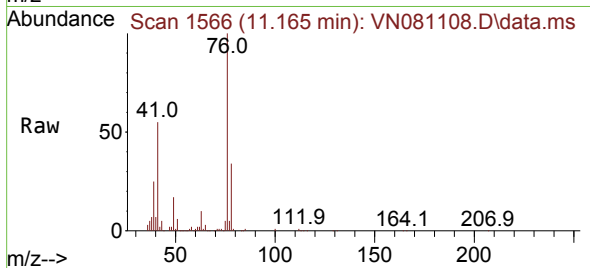
VSTDCCC050

Tgt Ion: 76 Resp: 456181

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 245.678 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081108.D

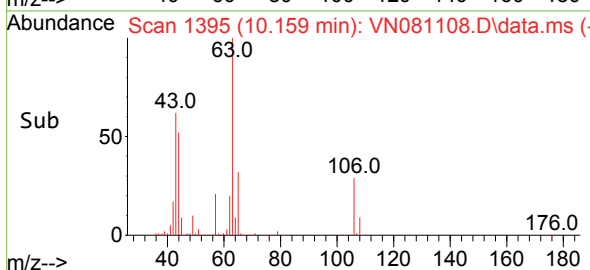
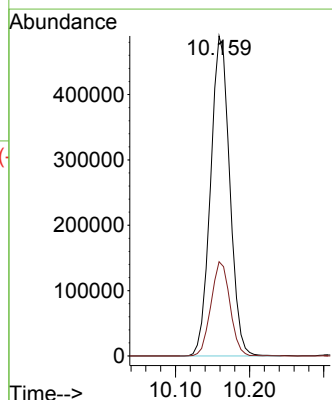
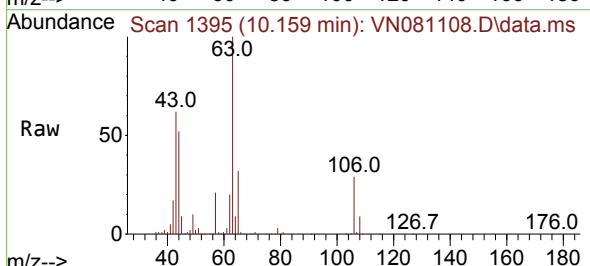
Acq: 21 Feb 2024 10:02

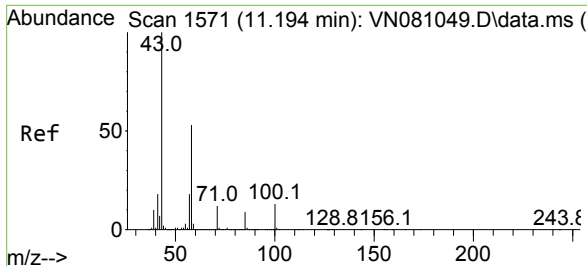
Tgt Ion: 63 Resp: 879215

Ion Ratio Lower Upper

63 100

106 29.2 18.6 28.0#

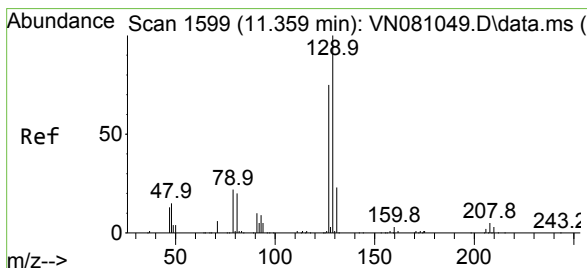
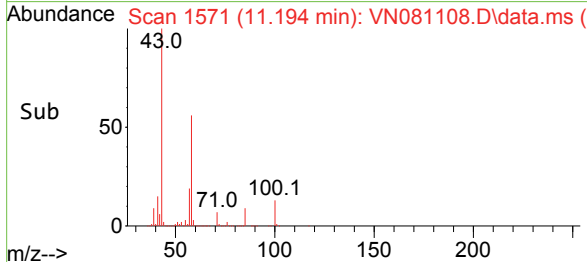
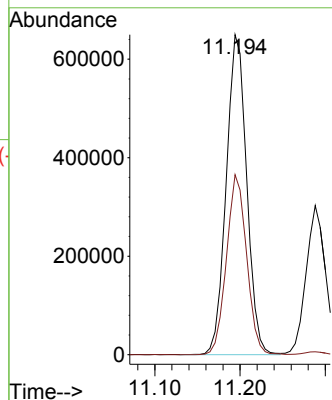
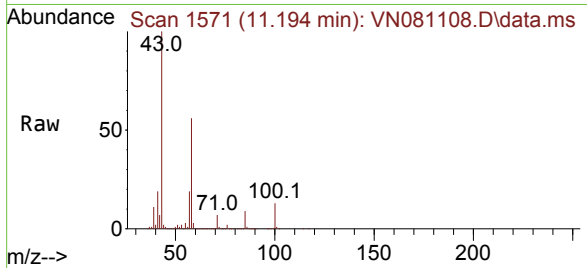




#59
2-Hexanone
Concen: 227.089 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

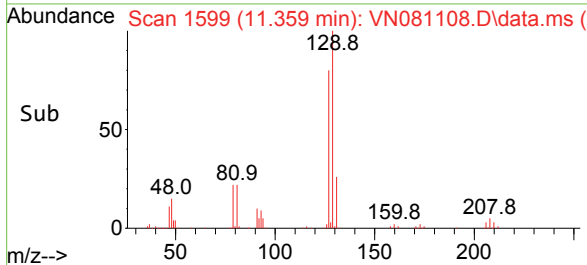
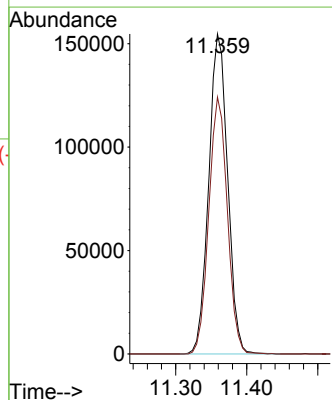
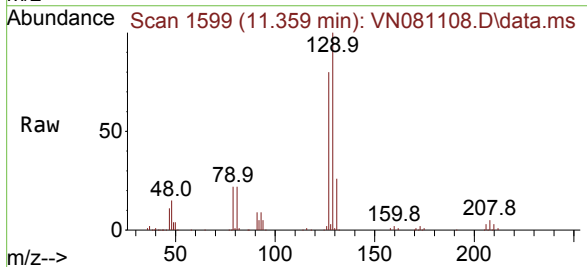
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

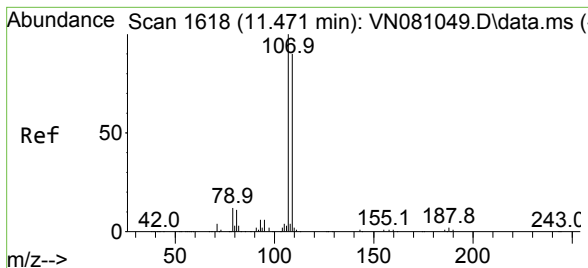
Tgt Ion: 43 Resp: 1082470
Ion Ratio Lower Upper
43 100
58 55.4 25.9 77.8



#60
Dibromochloromethane
Concen: 57.688 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:129 Resp: 286006
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.2

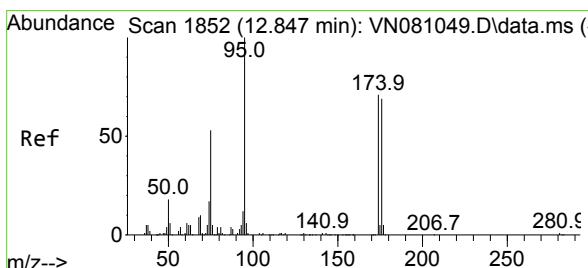
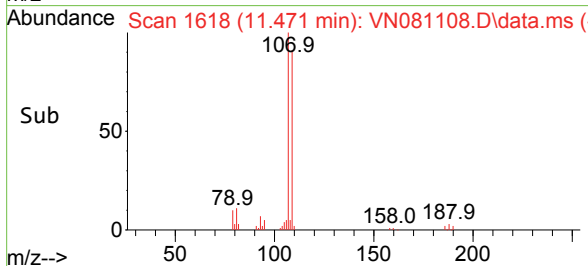
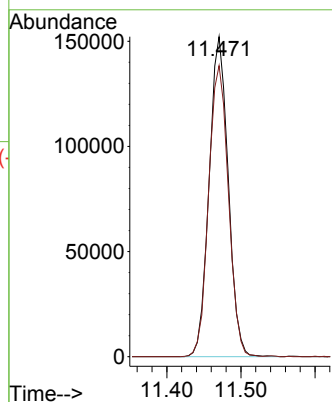
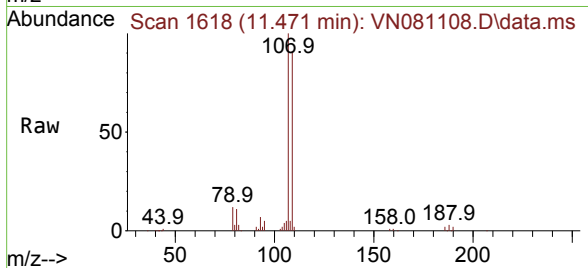




#61
1,2-Dibromoethane
Concen: 55.479 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

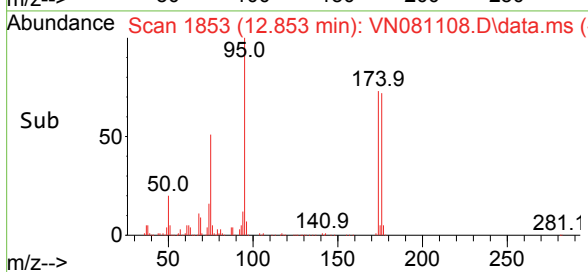
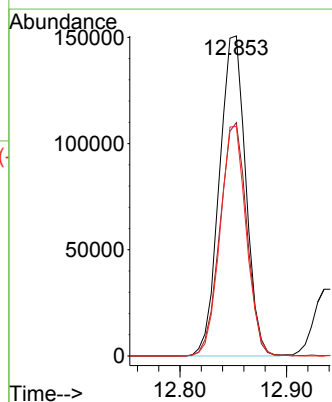
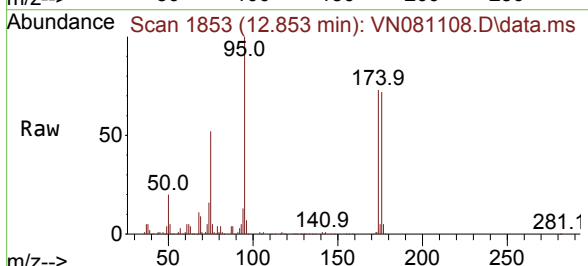
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

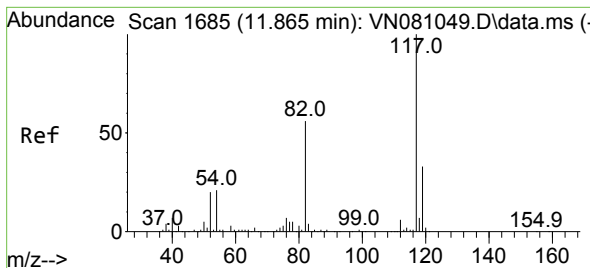
Tgt Ion:107 Resp: 272269
Ion Ratio Lower Upper
107 100
109 94.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 50.186 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 95 Resp: 258873
Ion Ratio Lower Upper
95 100
174 73.8 0.0 120.4
176 71.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

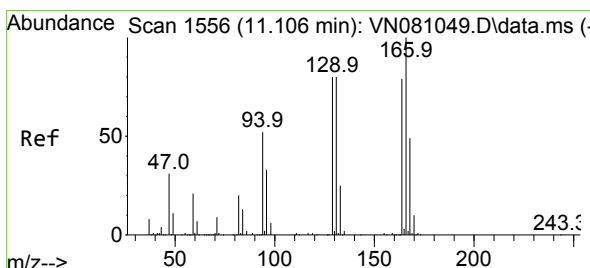
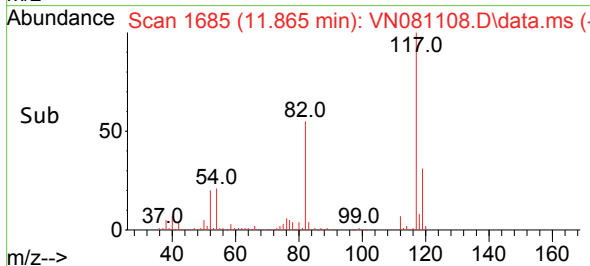
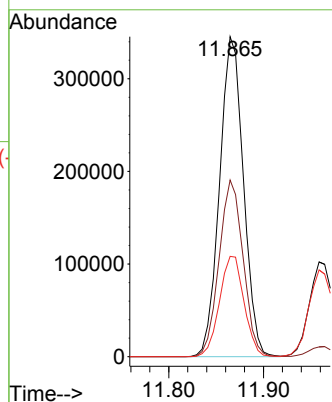
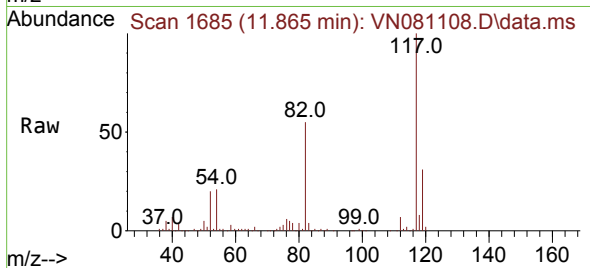
Tgt Ion:117 Resp: 604791

Ion Ratio Lower Upper

117 100

82 55.2 52.7 79.1

119 31.4 25.3 37.9



#64

Tetrachloroethene

Concen: 53.345 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Tgt Ion:164 Resp: 220191

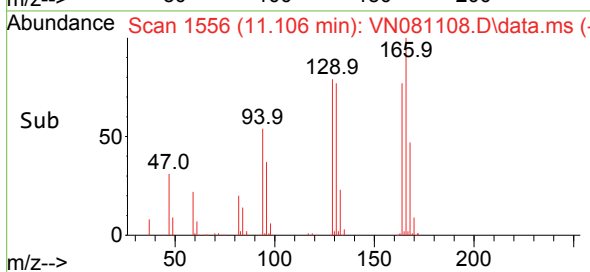
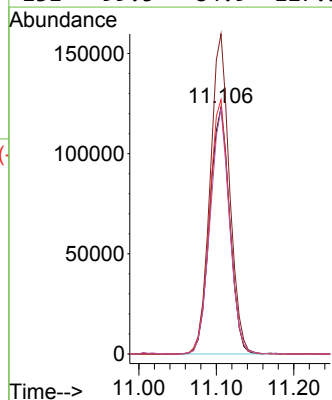
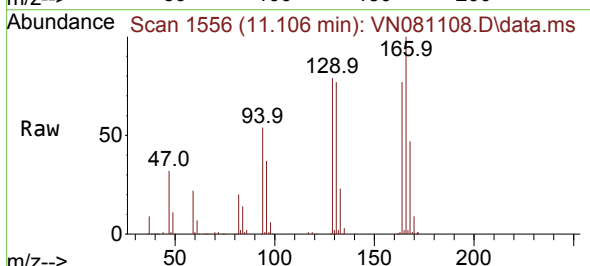
Ion Ratio Lower Upper

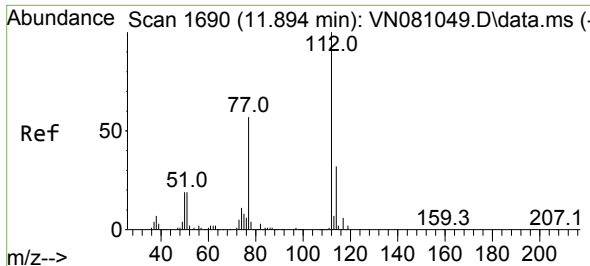
164 100

166 129.8 105.8 158.6

129 103.2 89.6 134.4

131 99.5 84.9 127.3

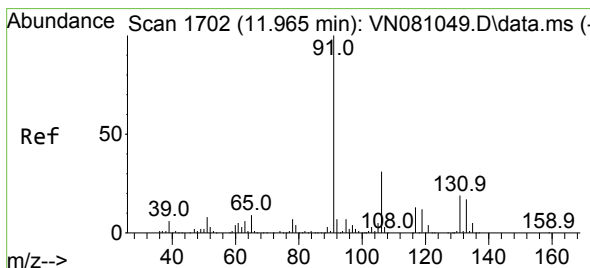
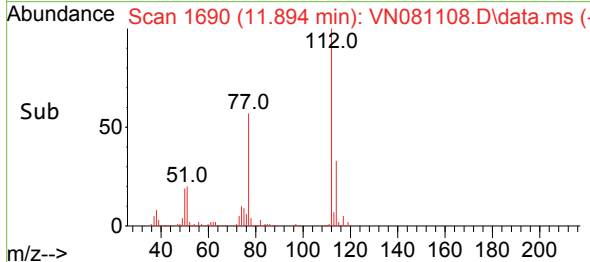
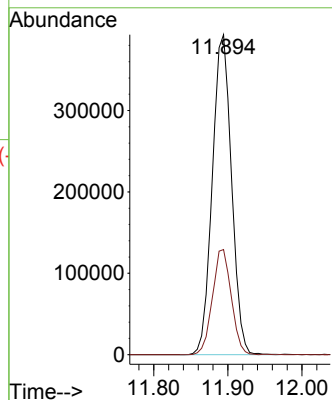
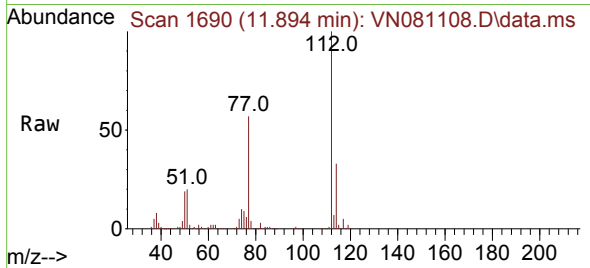




#65
Chlorobenzene
Concen: 53.993 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

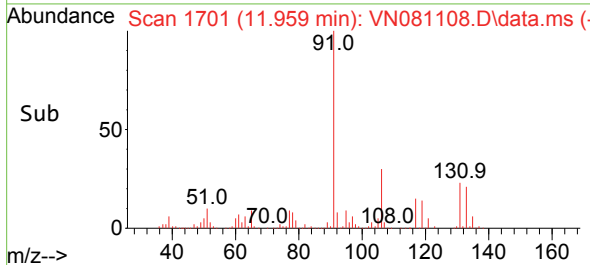
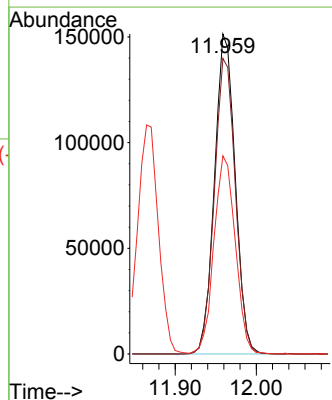
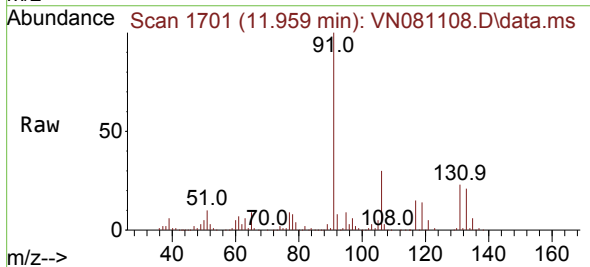
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

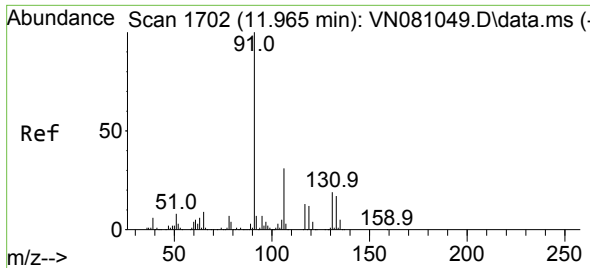
Tgt Ion:112 Resp: 706741
Ion Ratio Lower Upper
112 100
114 32.8 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.015 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:131 Resp: 268053
Ion Ratio Lower Upper
131 100
133 94.1 46.8 140.3
119 64.2 34.6 103.9

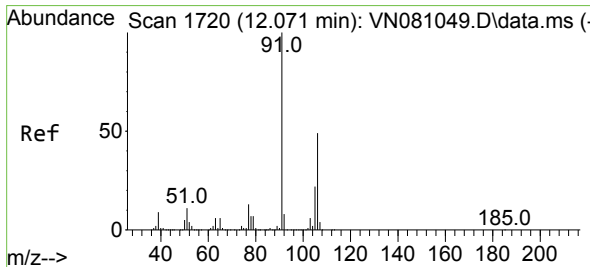
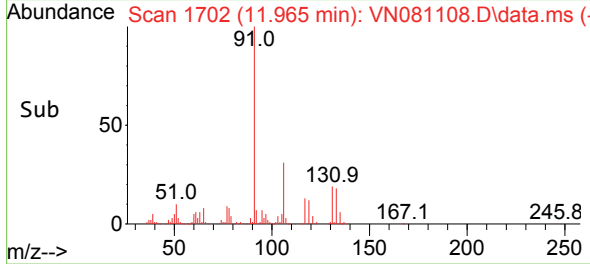
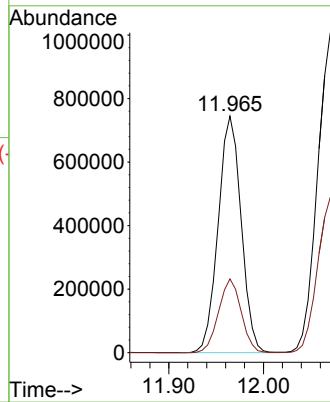
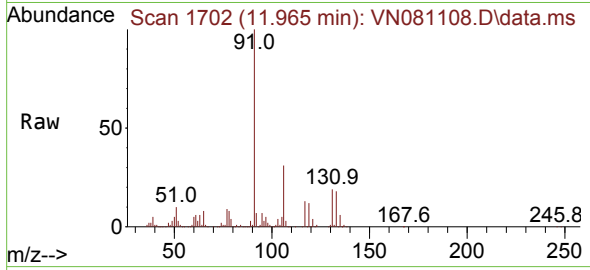




#67
Ethyl Benzene
Concen: 53.687 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

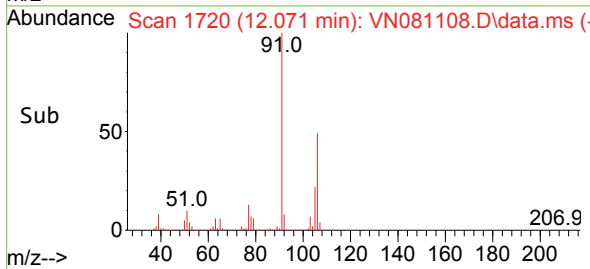
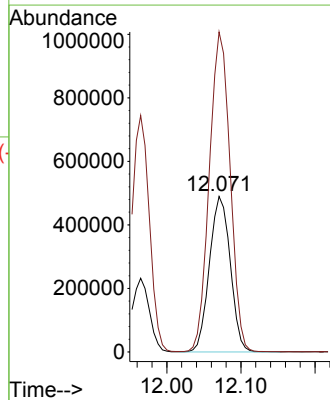
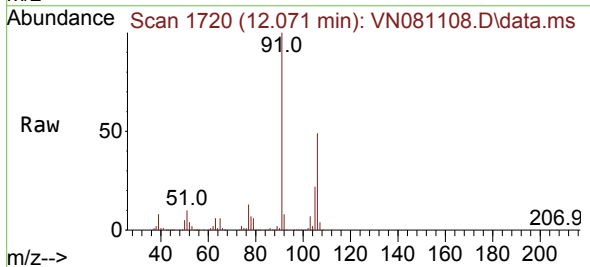
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

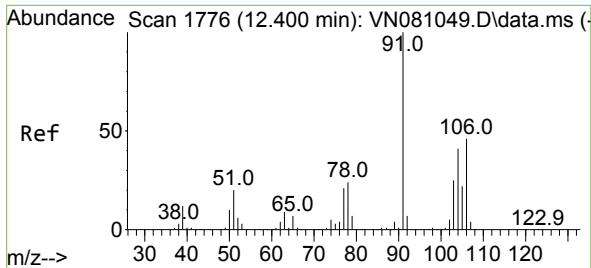
Tgt Ion: 91 Resp: 1257488
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.6



#68
m/p-Xylenes
Concen: 106.525 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:106 Resp: 956365
Ion Ratio Lower Upper
106 100
91 205.3 169.0 253.6

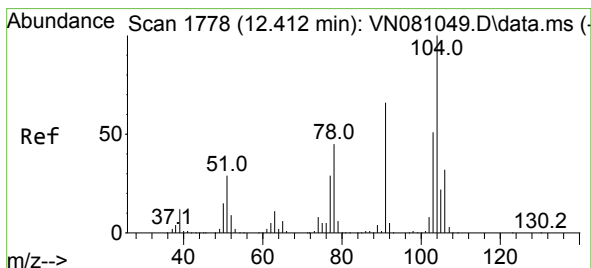
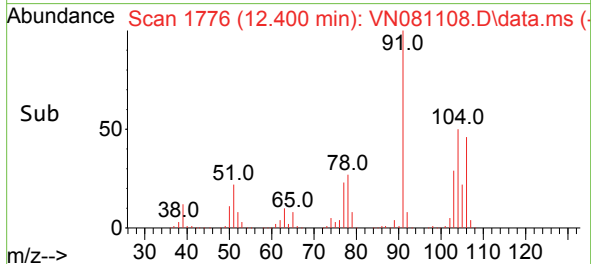
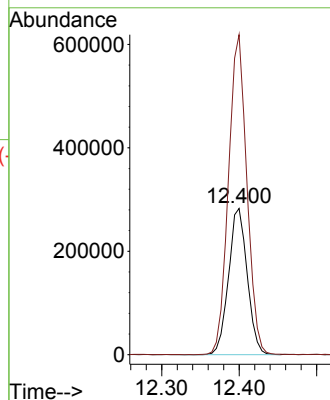
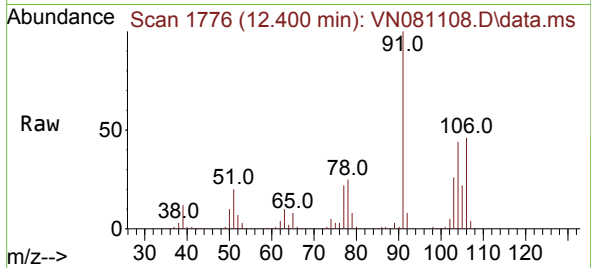




#69
o-Xylene
Concen: 53.380 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

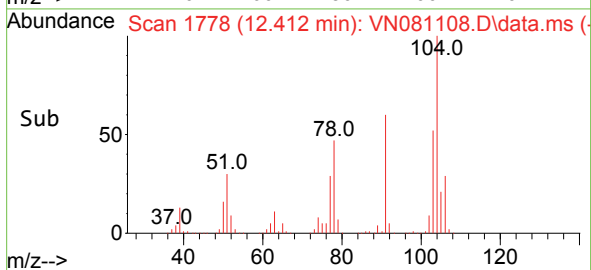
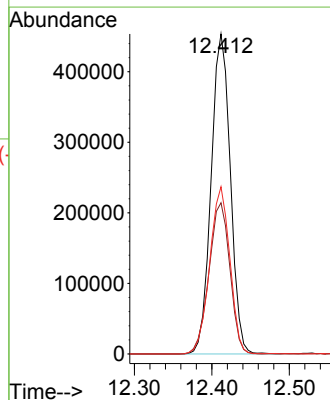
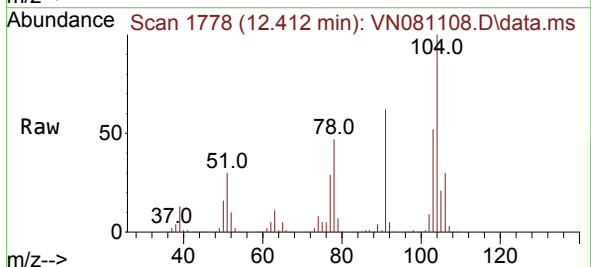
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

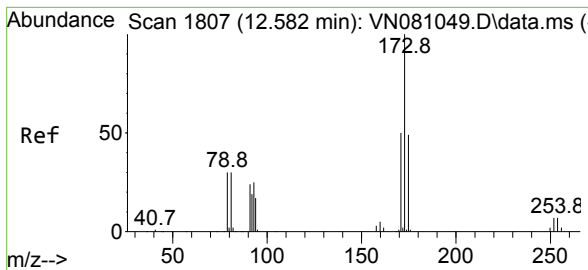
Tgt Ion:106 Resp: 475044
Ion Ratio Lower Upper
106 100
91 215.7 112.1 336.3



#70
Styrene
Concen: 55.438 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:104 Resp: 781787
Ion Ratio Lower Upper
104 100
78 51.3 43.8 65.8
103 54.7 44.2 66.2





#71

Bromoform

Concen: 60.116 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

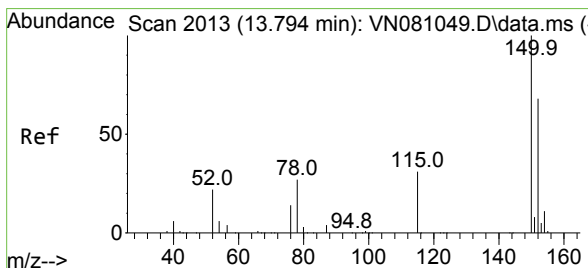
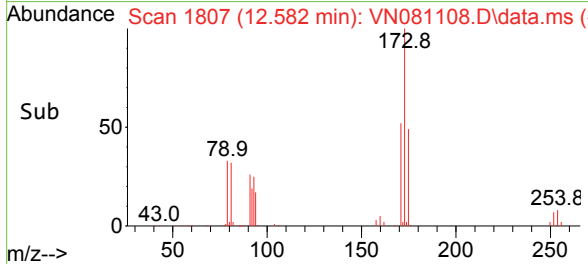
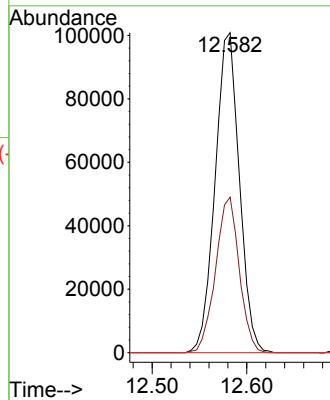
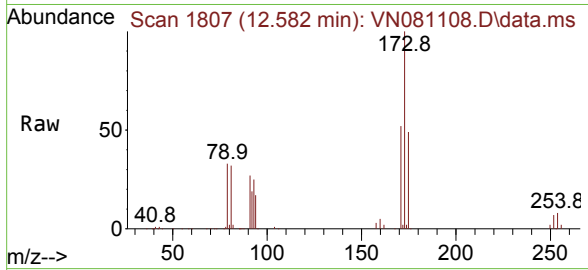
Tgt Ion:173 Resp: 179313

Ion Ratio Lower Upper

173 100

175 47.5 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: VN081108.D

Acq: 21 Feb 2024 10:02

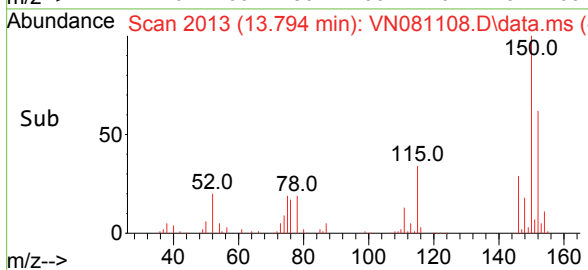
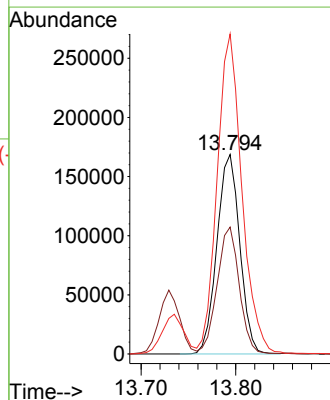
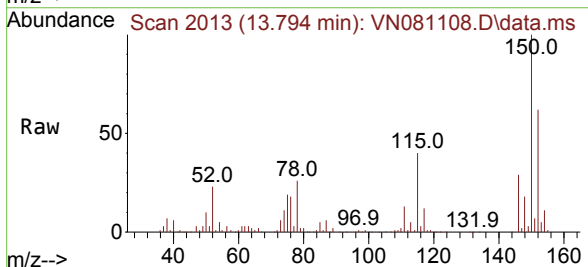
Tgt Ion:152 Resp: 282606

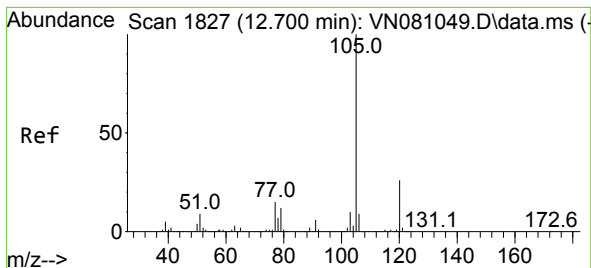
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 174.1 0.0 339.8





#73

Isopropylbenzene

Concen: 49.301 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

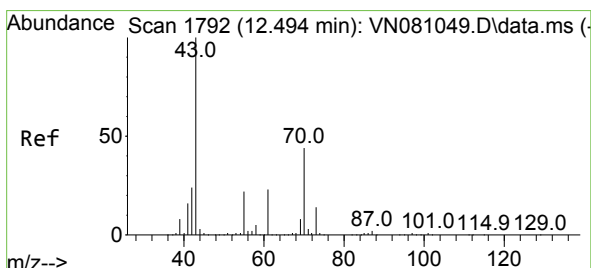
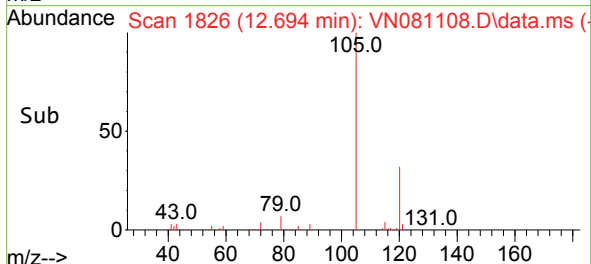
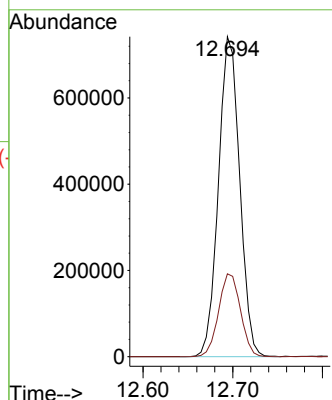
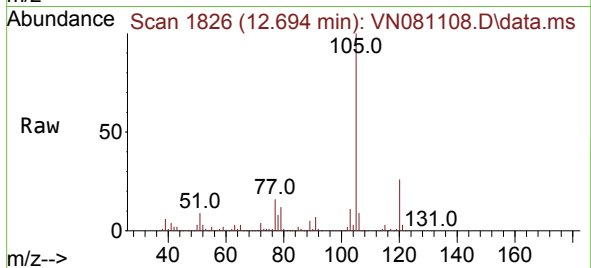
VSTDCCC050

Tgt Ion:105 Resp: 1219023

Ion Ratio Lower Upper

105 100

120 26.7 12.6 37.6



#74

N-ethyl acetate

Concen: 47.929 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Tgt Ion: 43 Resp: 500863

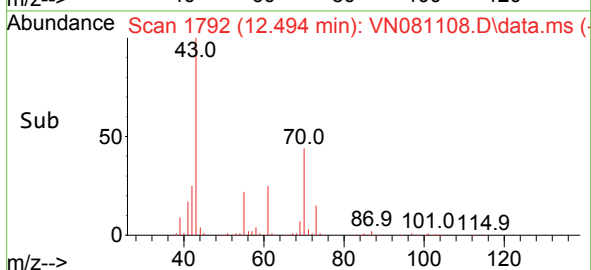
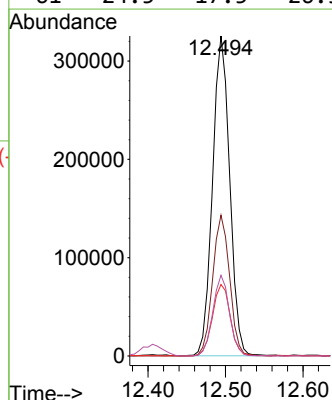
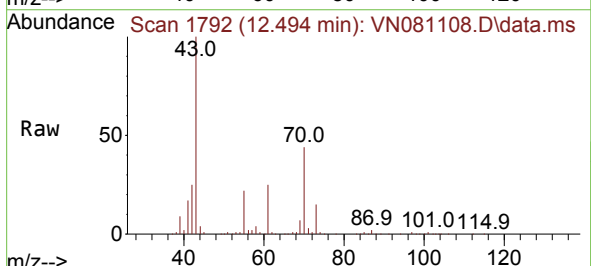
Ion Ratio Lower Upper

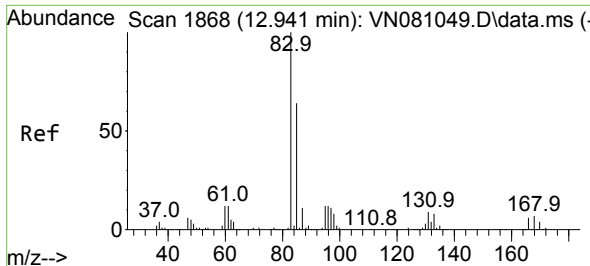
43 100

70 43.5 30.1 45.1

55 23.3 17.0 25.4

61 24.5 17.5 26.3

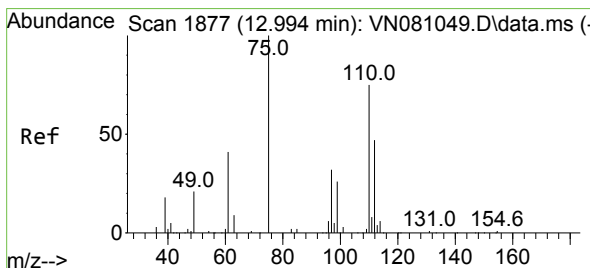
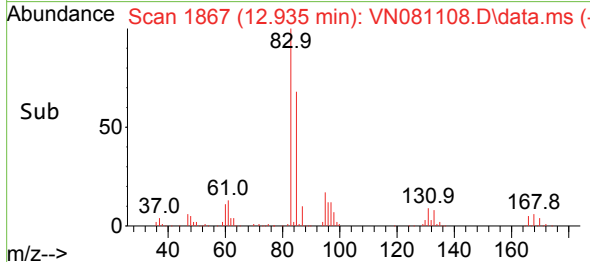
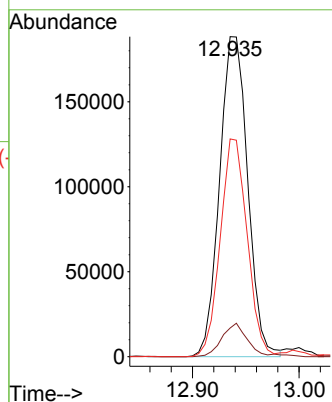
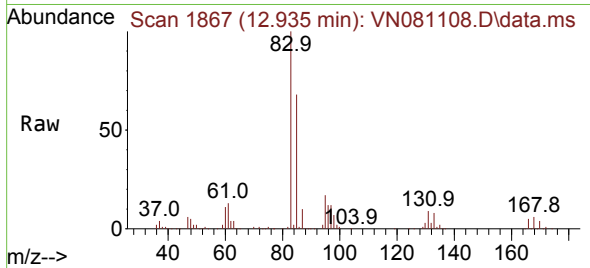




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.680 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

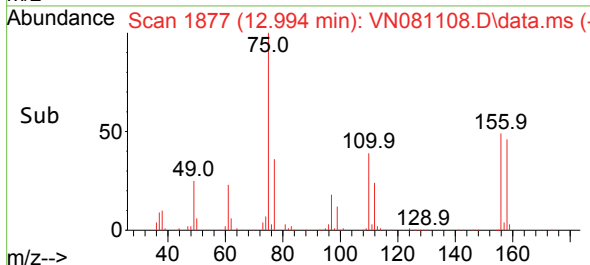
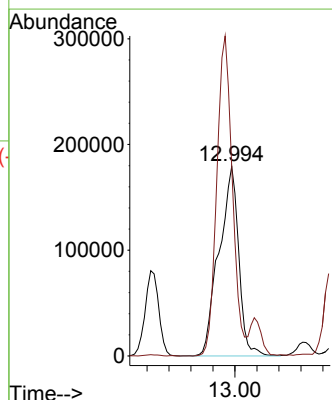
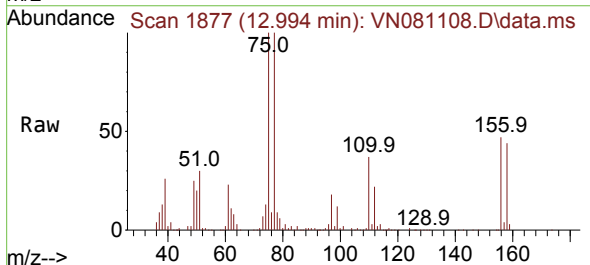
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

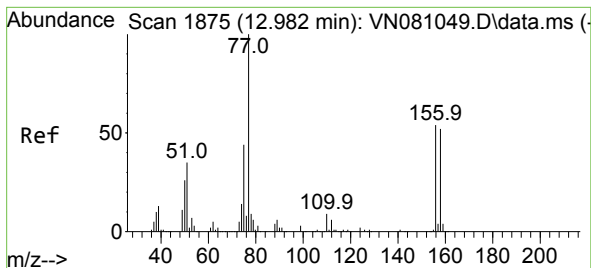
Tgt Ion: 83 Resp: 345410
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.1 12.3
 85 65.3 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 69.612 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

Tgt Ion: 75 Resp: 446982
 Ion Ratio Lower Upper
 75 100
 77 133.0 91.0 272.8





#77

Bromobenzene

Concen: 50.498 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

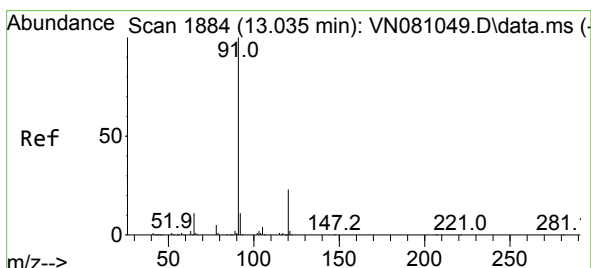
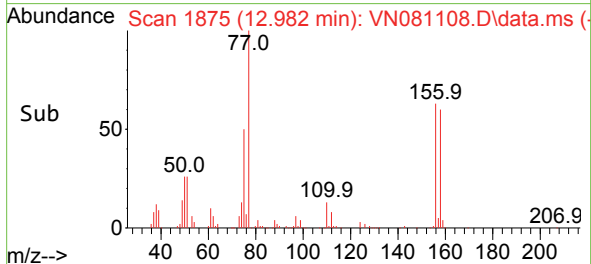
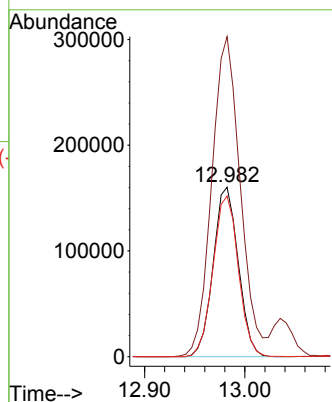
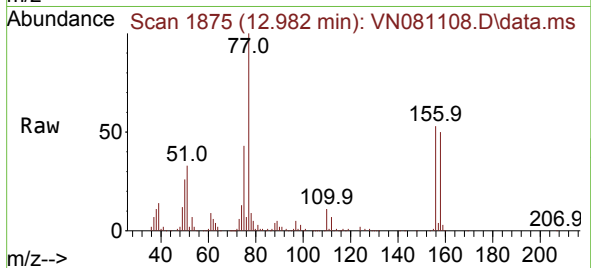
Tgt Ion:156 Resp: 278406

Ion Ratio Lower Upper

156 100

77 213.5 138.1 414.3

158 96.1 46.5 139.5



#78

n-propylbenzene

Concen: 50.664 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081108.D

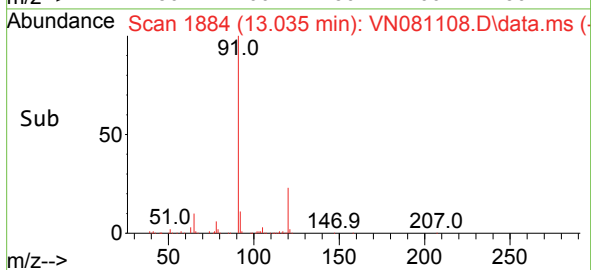
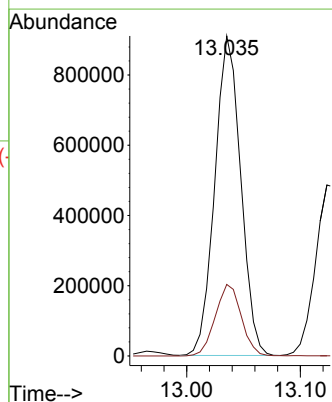
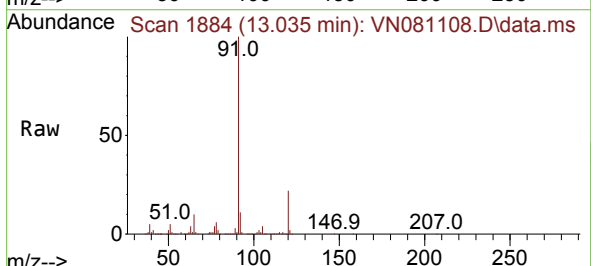
Acq: 21 Feb 2024 10:02

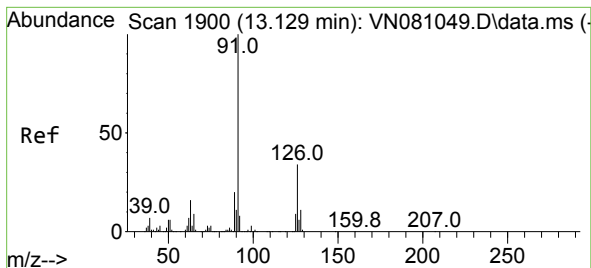
Tgt Ion: 91 Resp: 1442121

Ion Ratio Lower Upper

91 100

120 22.5 10.3 30.9

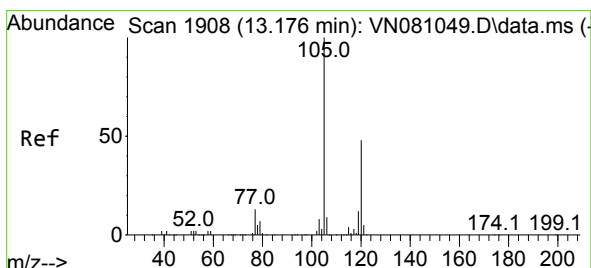
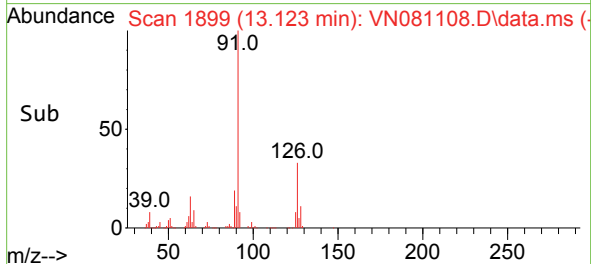
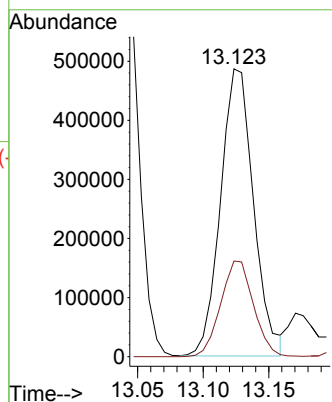
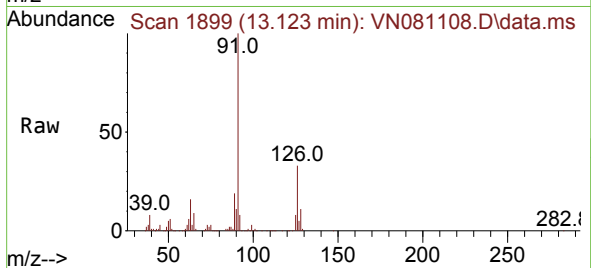




#79
2-Chlorotoluene
Concen: 48.776 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

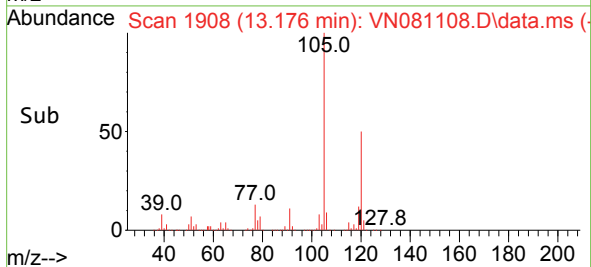
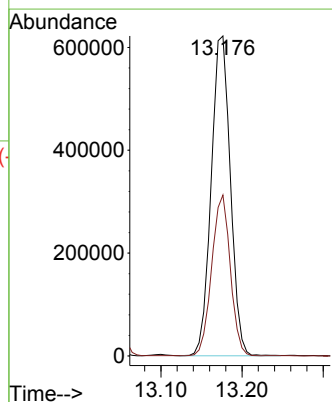
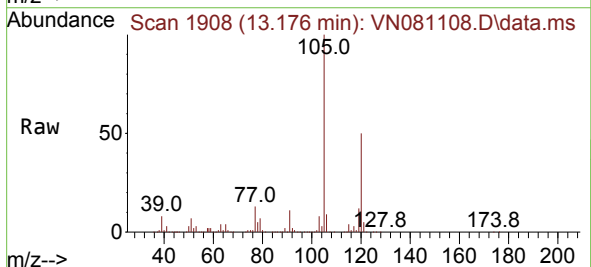
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

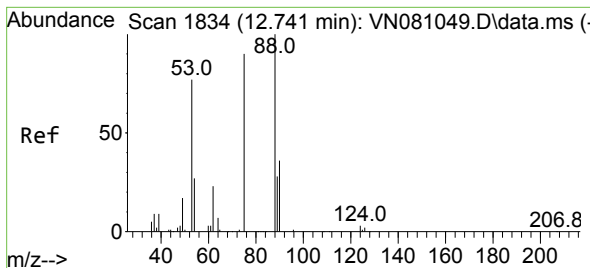
Tgt Ion: 91 Resp: 851594
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 50.851 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 105 Resp: 1019449
Ion Ratio Lower Upper
105 100
120 48.6 23.0 69.0

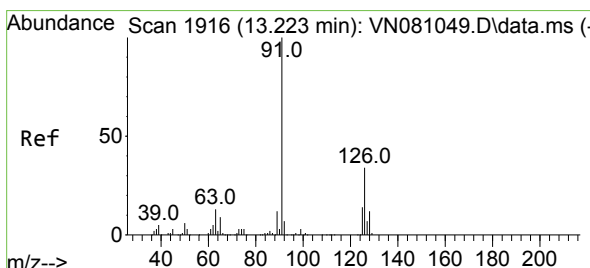
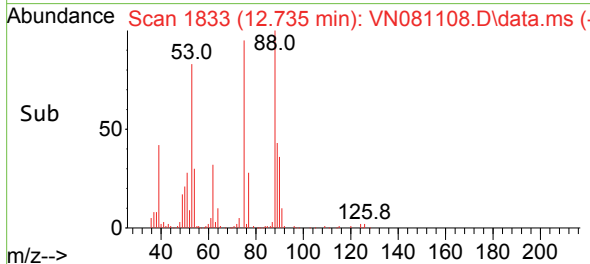
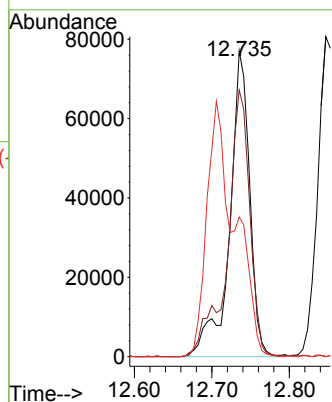
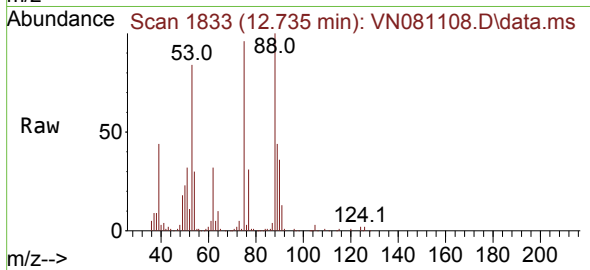




#81
trans-1,4-Dichloro-2-butene
Concen: 55.602 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

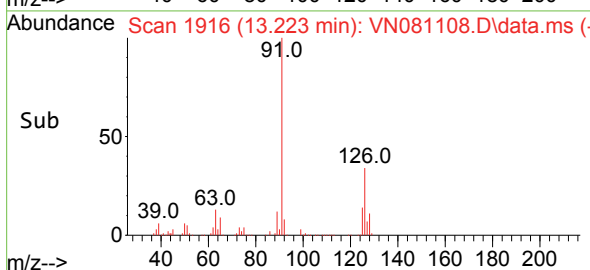
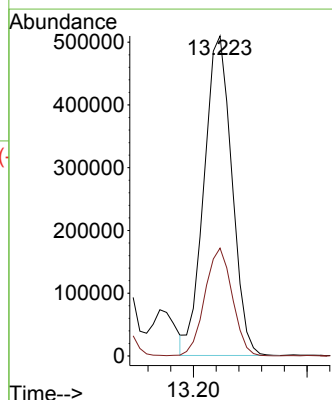
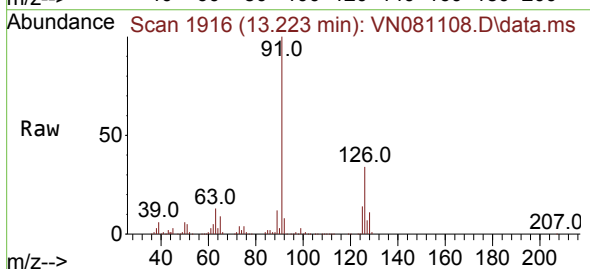
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

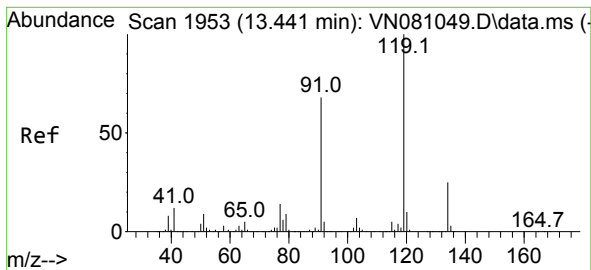
Tgt Ion: 75 Resp: 138708
Ion Ratio Lower Upper
75 100
53 97.4 71.4 107.2
89 0.0 33.4 50.0#



#82
4-Chlorotoluene
Concen: 50.723 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 91 Resp: 865914
Ion Ratio Lower Upper
91 100
126 33.2 15.3 45.9

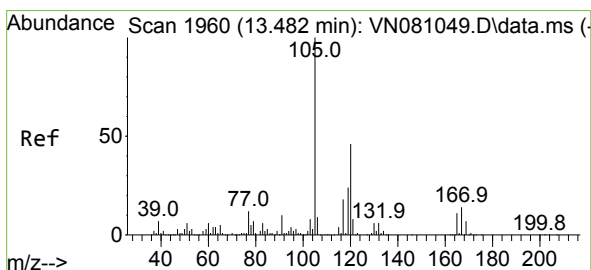
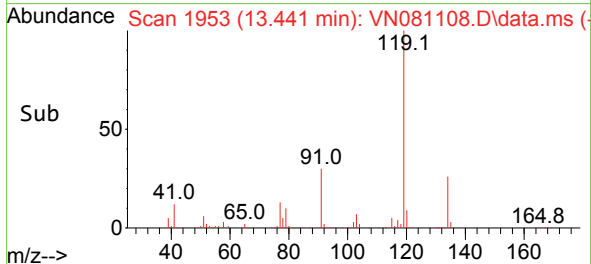
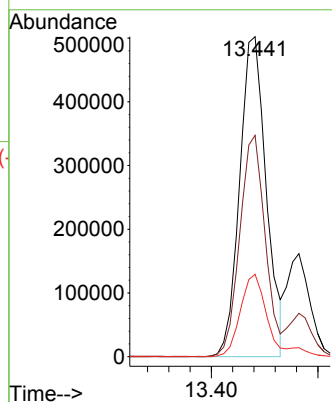
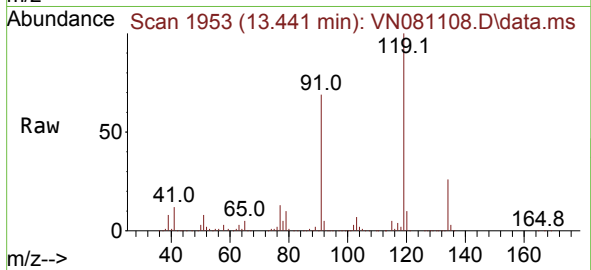




#83
tert-Butylbenzene
Concen: 50.302 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

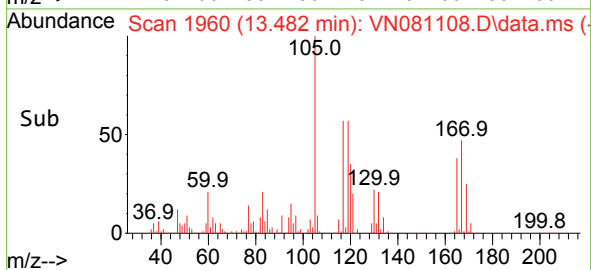
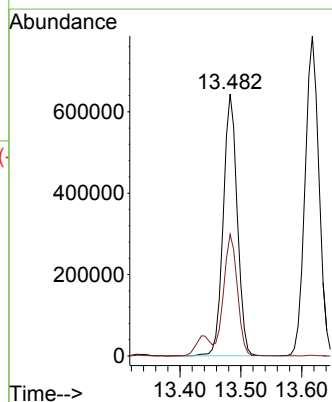
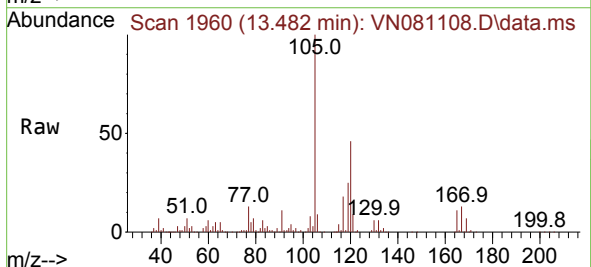
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

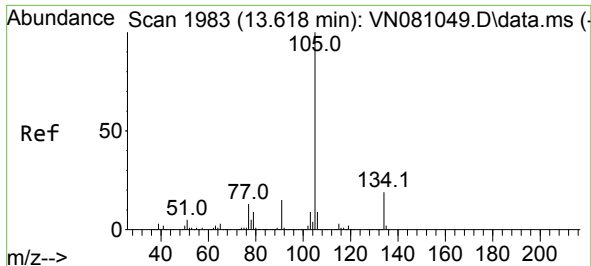
Tgt Ion:119 Resp: 871981
Ion Ratio Lower Upper
119 100
91 66.1 36.8 110.4
134 26.8 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 51.344 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:105 Resp: 1025717
Ion Ratio Lower Upper
105 100
120 45.9 20.9 62.7

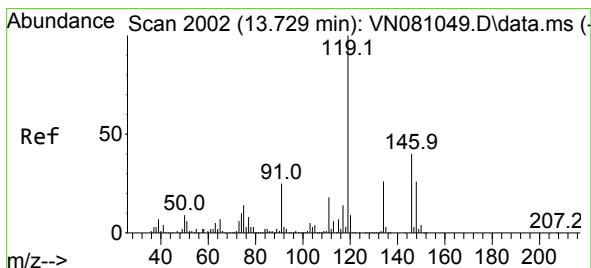
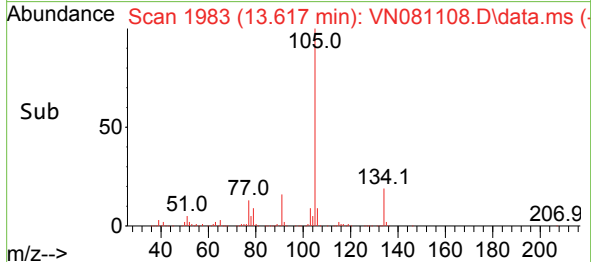
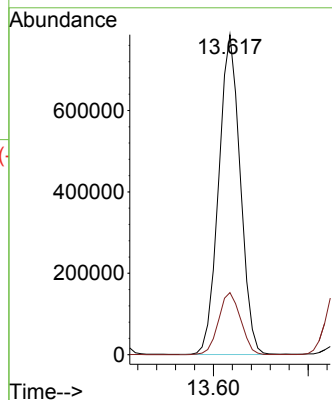
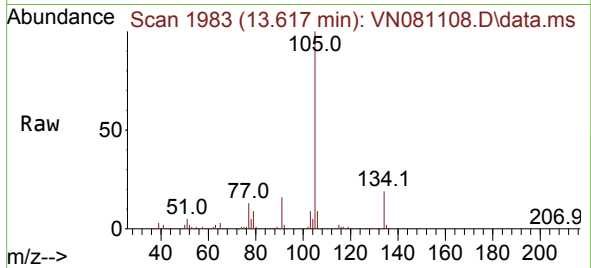




#85
 sec-Butylbenzene
 Concen: 51.656 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

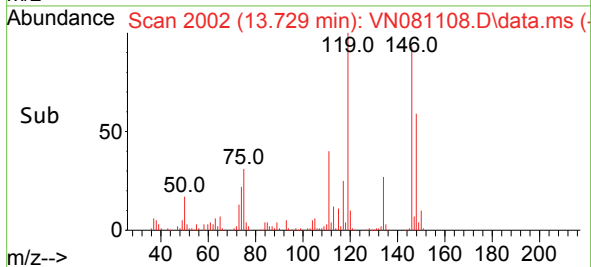
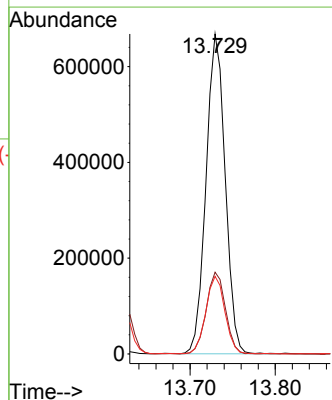
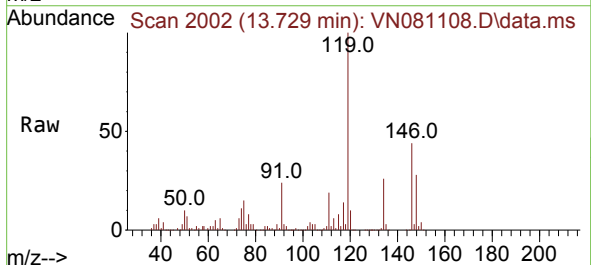
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

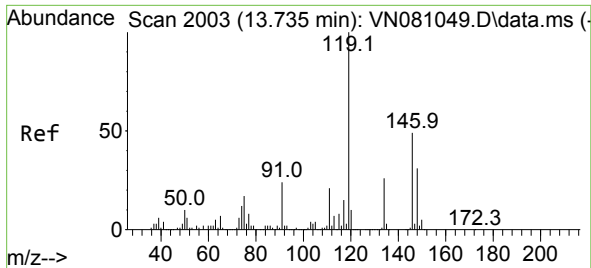
Tgt Ion:105 Resp: 1244854
 Ion Ratio Lower Upper
 105 100
 134 20.0 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 52.132 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081108.D
 Acq: 21 Feb 2024 10:02

Tgt Ion:119 Resp: 1043520
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.2
 91 24.0 13.5 40.4

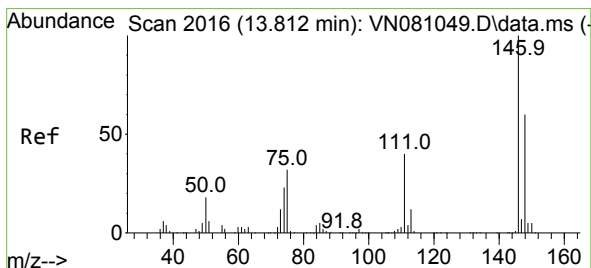
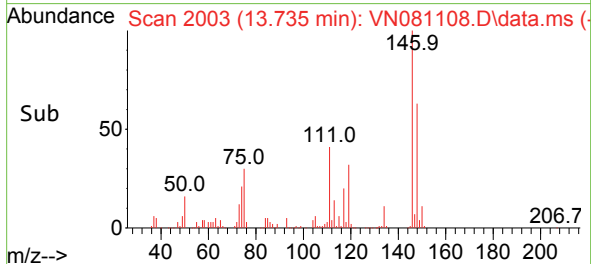
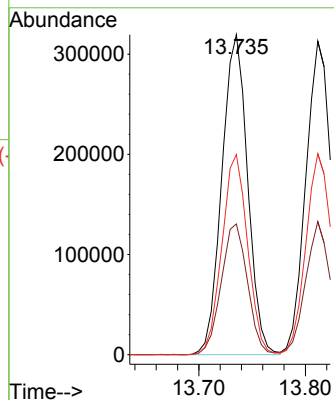
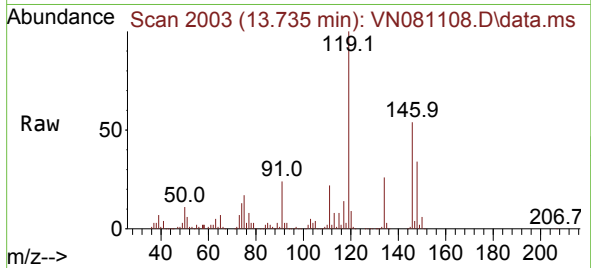




#87
1,3-Dichlorobenzene
Concen: 51.546 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

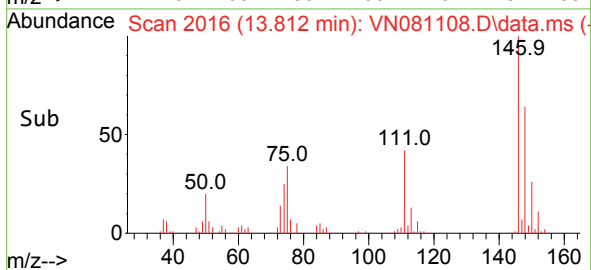
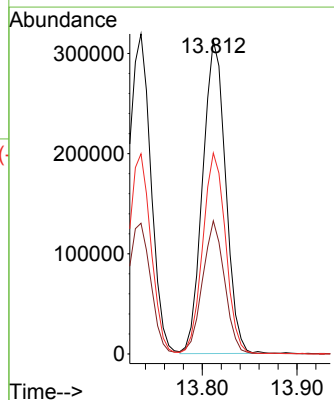
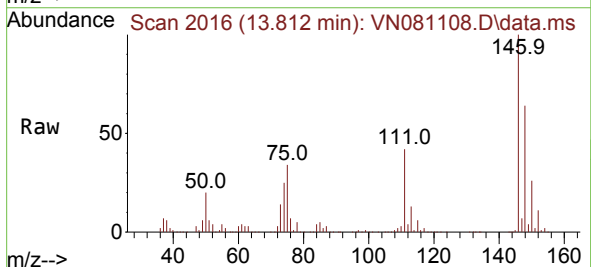
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

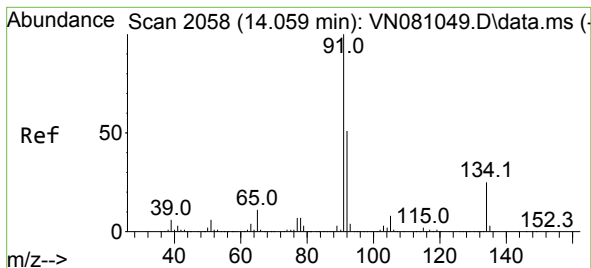
Tgt Ion:146 Resp: 536953
Ion Ratio Lower Upper
146 100
111 41.7 23.9 71.7
148 62.3 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 51.274 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion:146 Resp: 524830
Ion Ratio Lower Upper
146 100
111 40.9 22.6 67.7
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 53.978 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

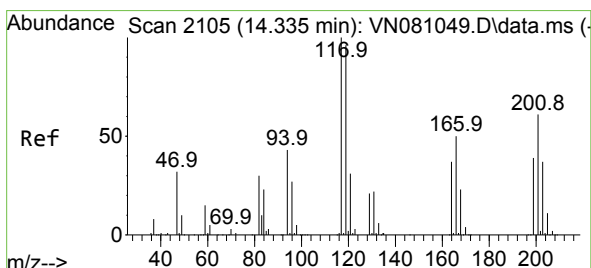
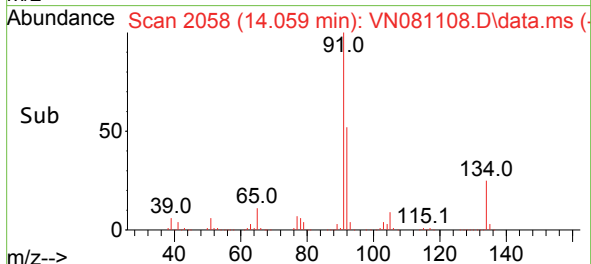
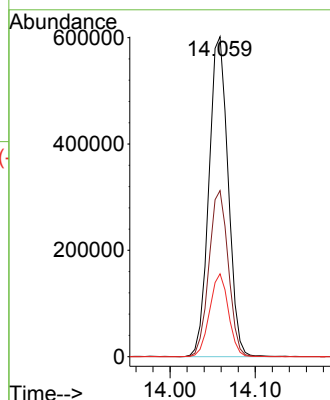
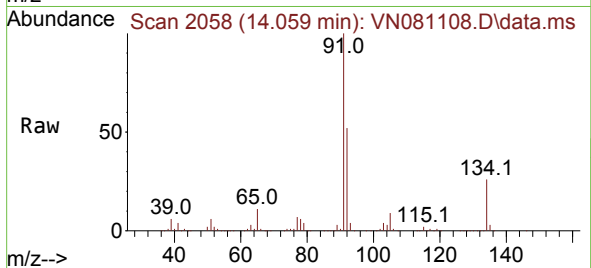
Tgt Ion: 91 Resp: 941306

Ion Ratio Lower Upper

91 100

92 52.4 26.7 80.1

134 25.4 10.8 32.4



#90

Hexachloroethane

Concen: 53.642 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081108.D

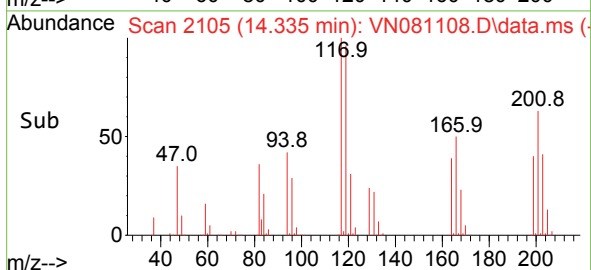
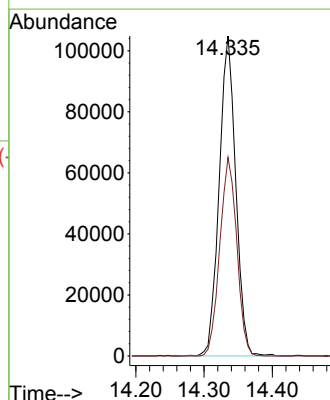
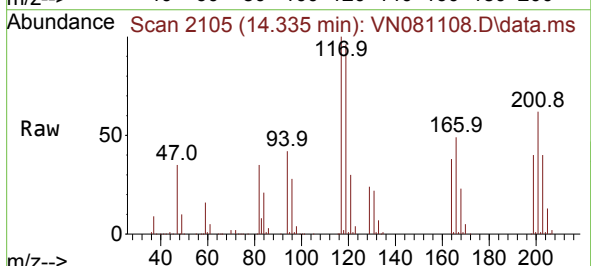
Acq: 21 Feb 2024 10:02

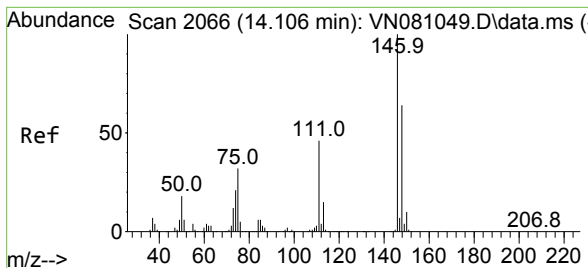
Tgt Ion: 117 Resp: 177486

Ion Ratio Lower Upper

117 100

201 63.6 30.0 90.0

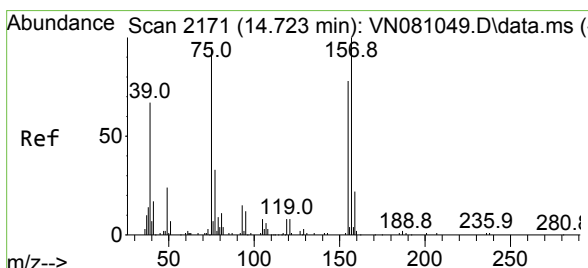
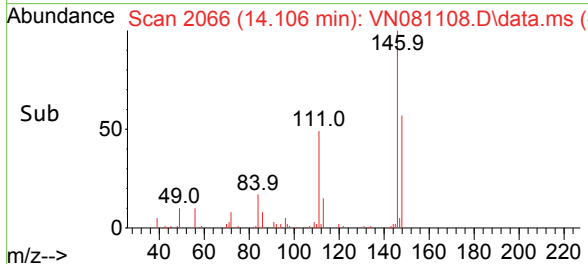
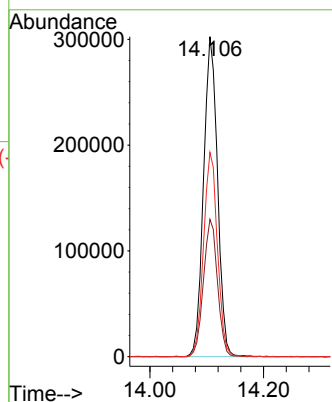
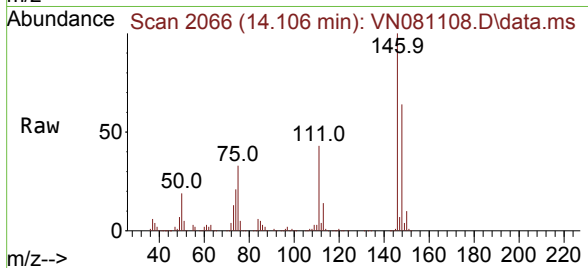




#91
1,2-Dichlorobenzene
Concen: 51.313 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

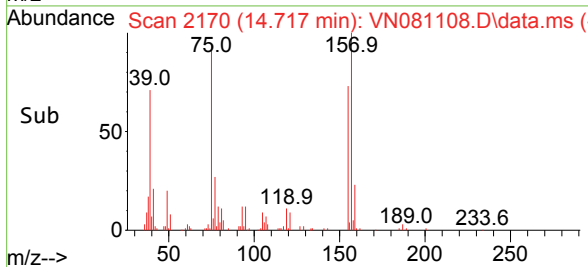
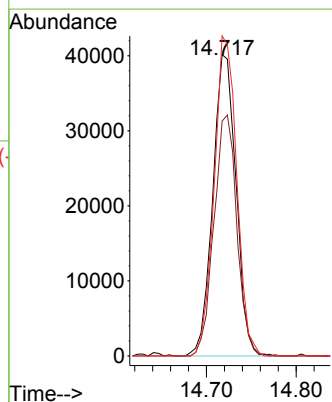
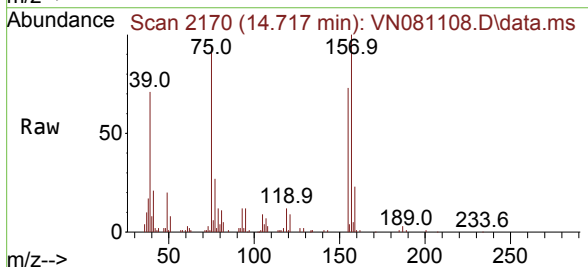
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

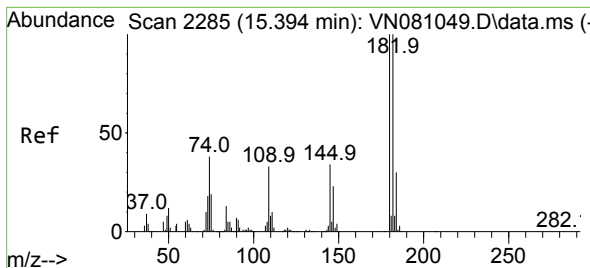
Tgt Ion:146 Resp: 515543
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 63.4 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.933 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081108.D
Acq: 21 Feb 2024 10:02

Tgt Ion: 75 Resp: 72180
Ion Ratio Lower Upper
75 100
155 78.8 31.8 95.4
157 102.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 56.148 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

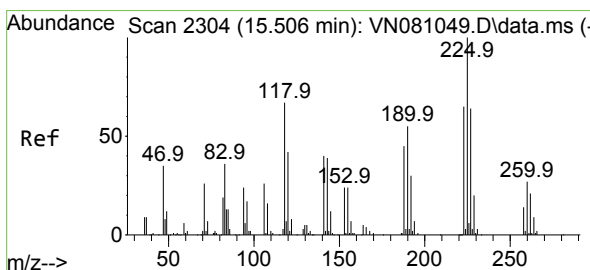
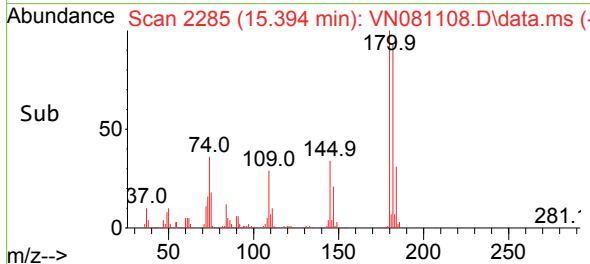
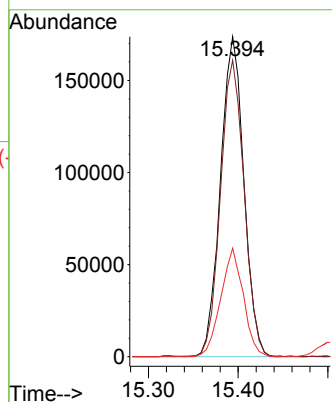
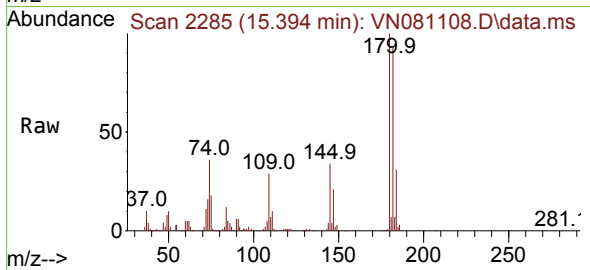
Tgt Ion:180 Resp: 314715

Ion Ratio Lower Upper

180 100

182 93.4 46.6 139.7

145 32.7 16.8 50.3



#94

Hexachlorobutadiene

Concen: 54.218 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

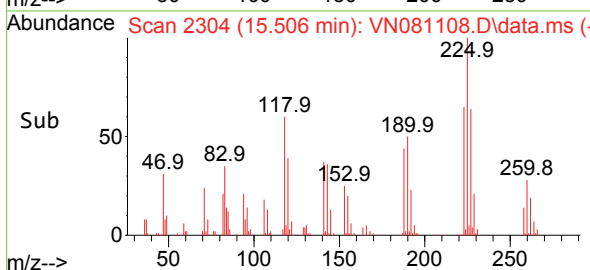
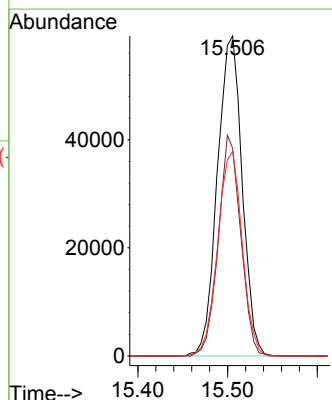
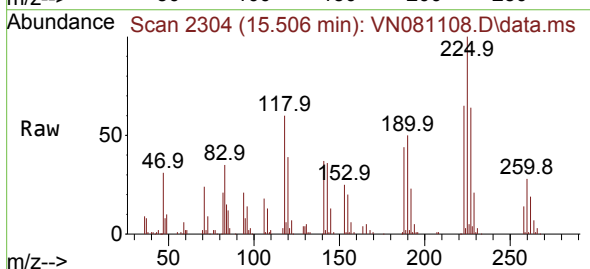
Tgt Ion:225 Resp: 113338

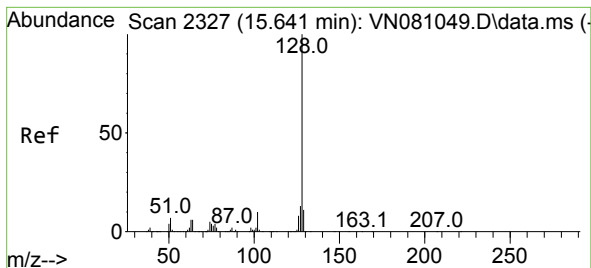
Ion Ratio Lower Upper

225 100

223 62.0 33.3 99.8

227 63.3 33.1 99.2





#95

Naphthalene

Concen: 52.395 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

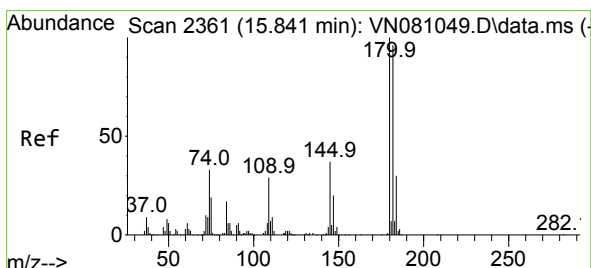
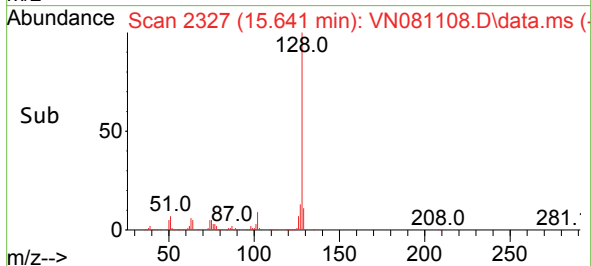
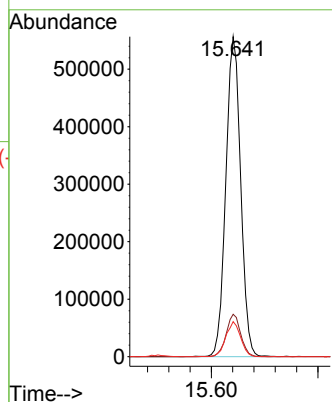
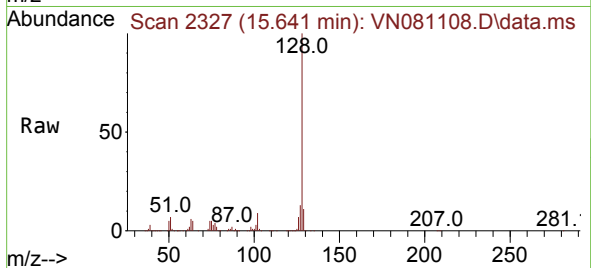
Tgt Ion:128 Resp: 1076202

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.440 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081108.D

Acq: 21 Feb 2024 10:02

Tgt Ion:180 Resp: 308273

Ion Ratio Lower Upper

180 100

182 95.7 46.5 139.3

145 35.3 17.8 53.4

