

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077094.D
 Acq On : 21 Mar 2023 16:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 21 23:19:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	381542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	692285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	624521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	288514	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	316533	51.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.880%	
35) Dibromofluoromethane	8.172	113	231741	47.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.600%	
50) Toluene-d8	10.572	98	872774	50.396	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.854	95	321904	52.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	136179	37.484	ug/l	99
3) Chloromethane	2.372	50	122441	31.851	ug/l	96
4) Vinyl Chloride	2.525	62	155206	37.404	ug/l	94
5) Bromomethane	2.949	94	122246	43.616	ug/l	99
6) Chloroethane	3.119	64	133840	50.975	ug/l	100
7) Trichlorofluoromethane	3.507	101	395359	44.290	ug/l	98
8) Diethyl Ether	3.972	74	159612	47.511	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	215785	42.615	ug/l	99
10) Methyl Iodide	4.601	142	256026	44.891	ug/l	99
11) Tert butyl alcohol	5.537	59	224648	252.962	ug/l	99
12) 1,1-Dichloroethene	4.354	96	205013	44.258	ug/l	92
13) Acrolein	4.190	56	265467	241.681	ug/l	100
14) Allyl chloride	5.031	41	386441	45.570	ug/l	100
15) Acrylonitrile	5.731	53	718185	240.557	ug/l	98
16) Acetone	4.437	43	633134	233.151	ug/l	100
17) Carbon Disulfide	4.725	76	558283	41.333	ug/l	98
18) Methyl Acetate	5.037	43	497576	48.591	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	800862	48.172	ug/l	100
20) Methylene Chloride	5.290	84	263794	44.760	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	228519	45.515	ug/l	97
22) Diisopropyl ether	6.684	45	920693	49.553	ug/l	99
23) Vinyl Acetate	6.613	43	2925724	249.535	ug/l	100
24) 1,1-Dichloroethane	6.578	63	488268	45.924	ug/l	100
25) 2-Butanone	7.489	43	979431	246.555	ug/l	99
26) 2,2-Dichloropropane	7.495	77	368414	46.053	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	275835	47.969	ug/l	100
28) Bromochloromethane	7.819	49	226496	49.055	ug/l	98
29) Tetrahydrofuran	7.842	42	652753	253.576	ug/l	99
30) Chloroform	7.972	83	479423	46.459	ug/l	96
31) Cyclohexane	8.266	56	417822	41.902	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	401654	45.540	ug/l	98
36) 1,1-Dichloropropene	8.378	75	345417	45.615	ug/l	99
37) Ethyl Acetate	7.566	43	391720	48.349	ug/l	100
38) Carbon Tetrachloride	8.366	117	338021	45.828	ug/l	98
39) Methylcyclohexane	9.607	83	410791	46.347	ug/l	98
40) Benzene	8.613	78	1043891	45.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	223613	51.233	ug/l	100
42) 1,2-Dichloroethane	8.678	62	389710	46.961	ug/l	99
43) Isopropyl Acetate	8.695	43	650668	51.410	ug/l	98
44) Trichloroethene	9.360	130	225281	42.707	ug/l	97
45) 1,2-Dichloropropane	9.625	63	285849	46.865	ug/l	97
46) Dibromomethane	9.713	93	178542	46.413	ug/l	100
47) Bromodichloromethane	9.895	83	376282	46.639	ug/l	98
48) Methyl methacrylate	9.683	41	314044	51.902	ug/l	99
49) 1,4-Dioxane	9.701	88	106557	1031.085	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	2015285	255.697	ug/l	100
52) Toluene	10.630	92	639981	46.673	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	401721	50.803	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	443618	49.723	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	259522	47.996	ug/l	98
56) Ethyl methacrylate	10.877	69	419825	51.634	ug/l	97
57) 1,3-Dichloropropane	11.166	76	466249	47.098	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	821226	236.914	ug/l	99
59) 2-Hexanone	11.201	43	1465618	256.380	ug/l	98
60) Dibromochloromethane	11.360	129	262063	48.249	ug/l	99
61) 1,2-Dibromoethane	11.471	107	253813	47.336	ug/l	98
64) Tetrachloroethene	11.107	164	179103	42.731	ug/l	97
65) Chlorobenzene	11.895	112	651738	45.356	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	240313	45.197	ug/l	99
67) Ethyl Benzene	11.966	91	1248796	47.846	ug/l	99
68) m/p-Xylenes	12.077	106	917516	94.787	ug/l	99
69) o-Xylene	12.401	106	458973	47.720	ug/l	99
70) Styrene	12.413	104	761412	50.848	ug/l	99
71) Bromoform	12.577	173	174724	48.495	ug/l #	98
73) Isopropylbenzene	12.701	105	1202027	46.490	ug/l	99
74) N-amyl acetate	12.495	43	562894	50.297	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	399420	42.640	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	509763	68.307	ug/l	43
77) Bromobenzene	12.983	156	256029	44.204	ug/l	100
78) n-propylbenzene	13.042	91	1437501	48.161	ug/l	100
79) 2-Chlorotoluene	13.130	91	866072	45.538	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1027138	47.581	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	142574	52.587	ug/l	97
82) 4-Chlorotoluene	13.224	91	853629	47.200	ug/l	99
83) tert-Butylbenzene	13.442	119	842786	46.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1022498	47.465	ug/l	99
85) sec-Butylbenzene	13.618	105	1260394	48.886	ug/l	99
86) p-Isopropyltoluene	13.730	119	1024894	49.501	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	482322	44.060	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	473830	43.505	ug/l	99
89) n-Butylbenzene	14.060	91	914234	50.333	ug/l	100
90) Hexachloroethane	14.336	117	184563	43.844	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	479361	43.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	80684	46.484	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	240796	48.816	ug/l	99
94) Hexachlorobutadiene	15.507	225	117311	43.184	ug/l	98
95) Naphthalene	15.642	128	842428	44.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	239839	48.457	ug/l	99

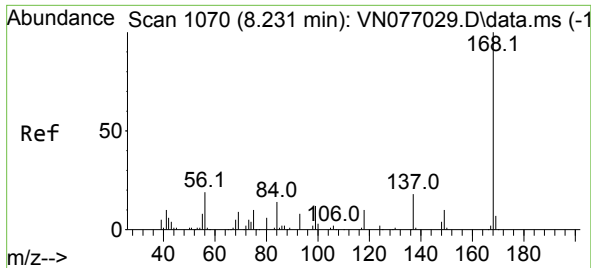
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Response via : Initial Calibration

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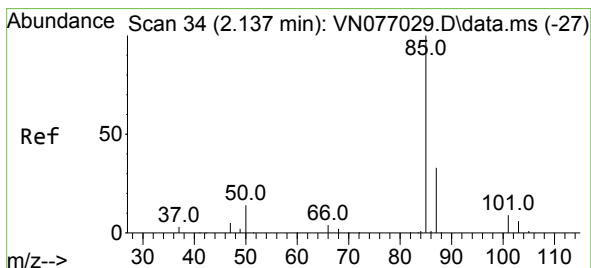
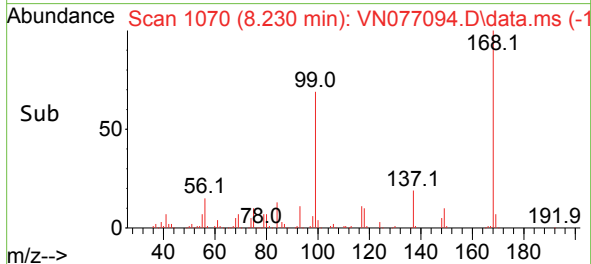
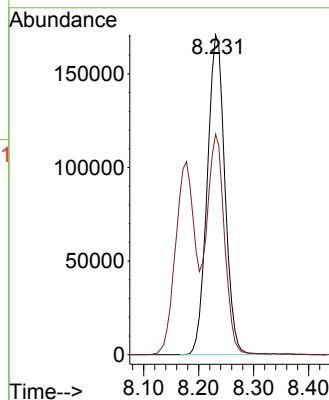
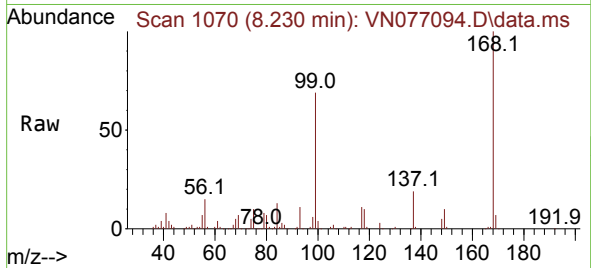
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
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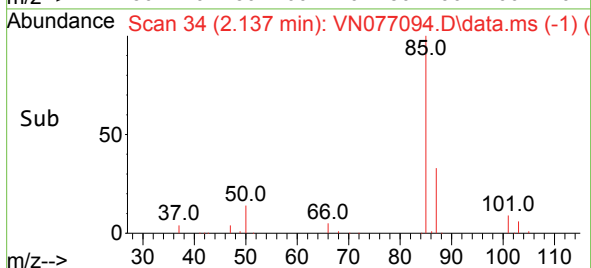
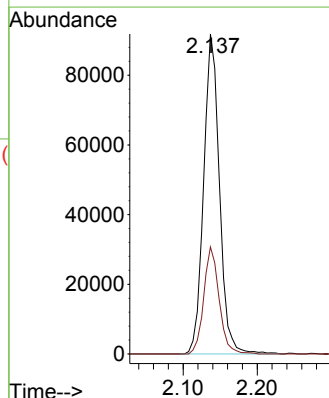
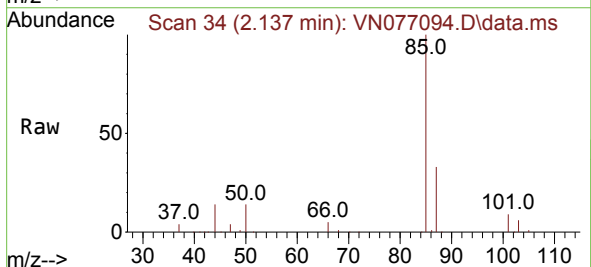
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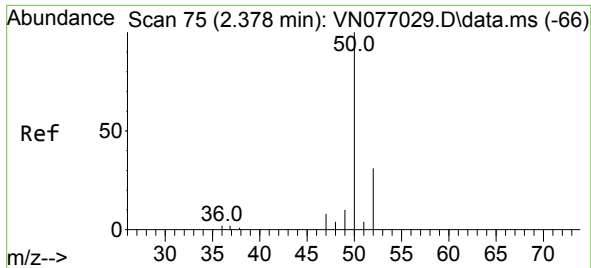
Tgt Ion:168 Resp: 381542
Ion Ratio Lower Upper
168 100
99 68.7 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 37.484 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 85 Resp: 136179
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.2

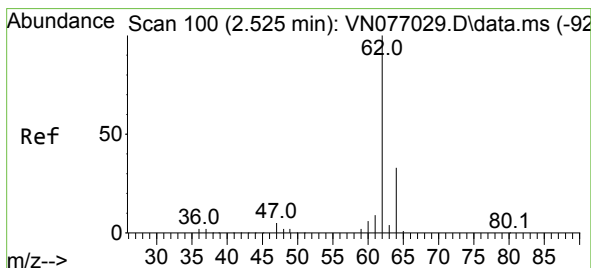
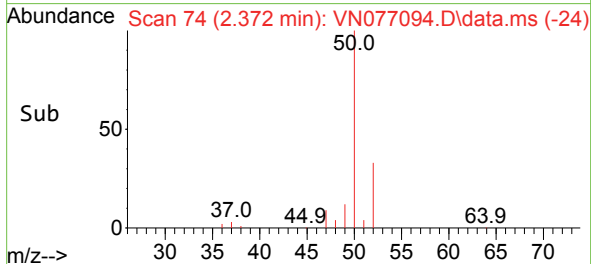
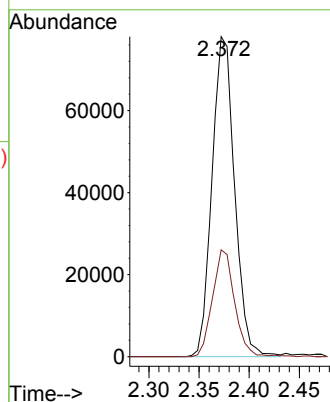
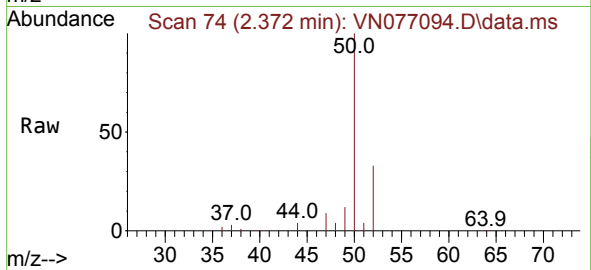




#3
Chloromethane
Concen: 31.851 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

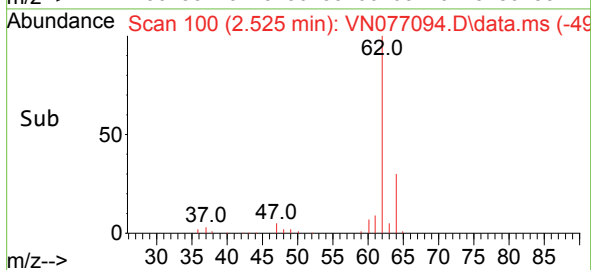
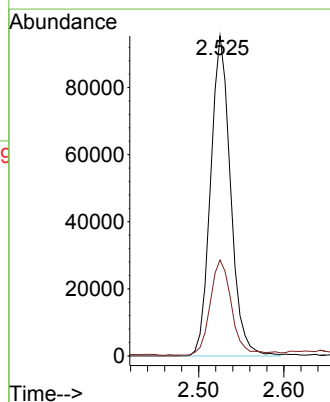
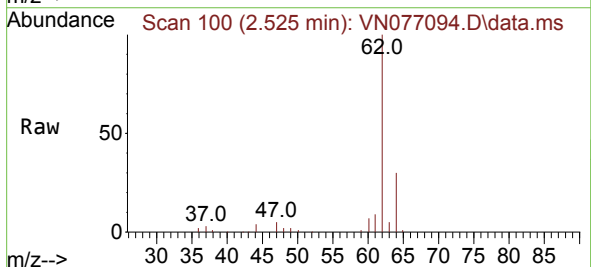
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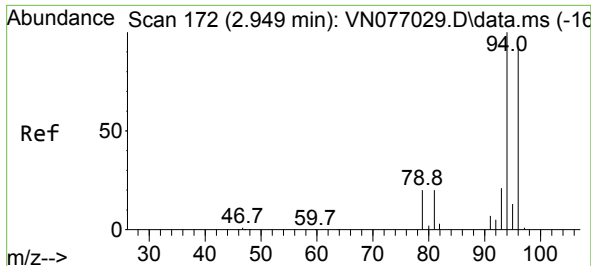
Tgt Ion: 50 Resp: 122441
Ion Ratio Lower Upper
50 100
52 33.4 25.1 37.7



#4
Vinyl Chloride
Concen: 37.404 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 62 Resp: 155206
Ion Ratio Lower Upper
62 100
64 29.7 26.6 40.0

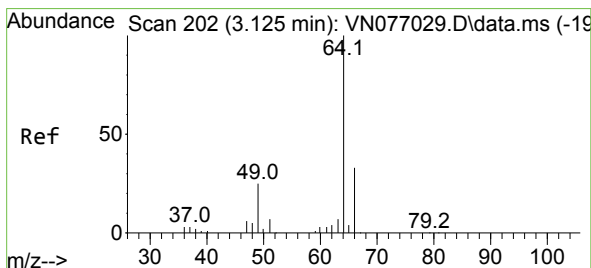
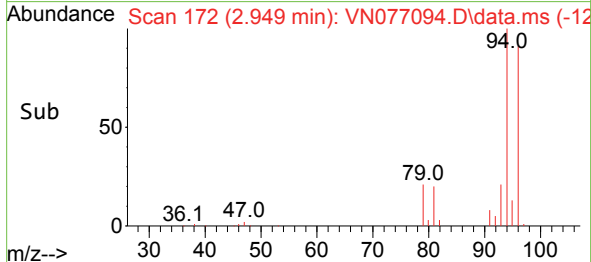
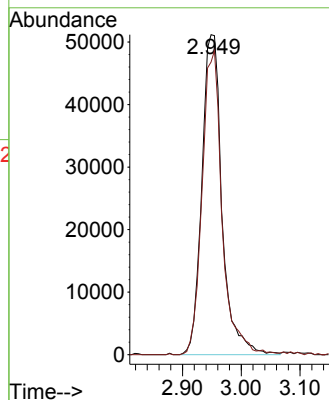
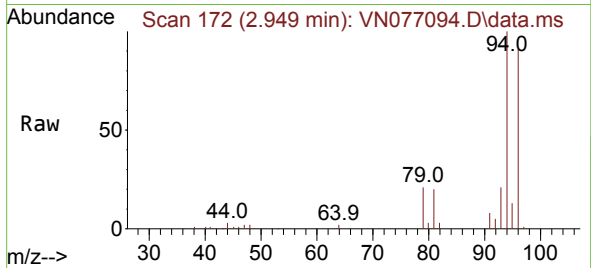




#5
Bromomethane
Concen: 43.616 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

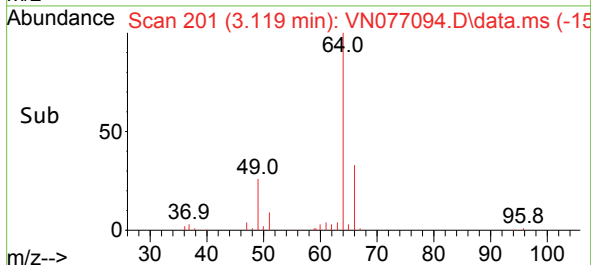
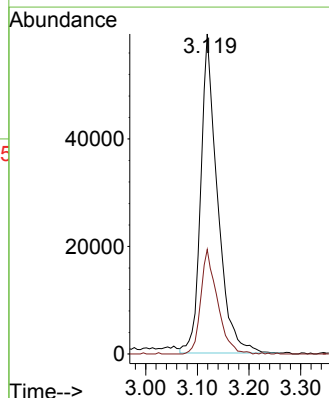
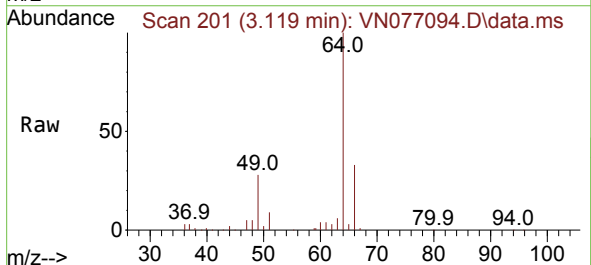
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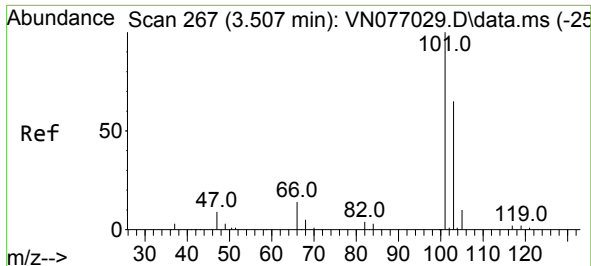
Tgt Ion: 94 Resp: 122246
Ion Ratio Lower Upper
94 100
96 91.5 74.1 111.1



#6
Chloroethane
Concen: 50.975 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 64 Resp: 133840
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5

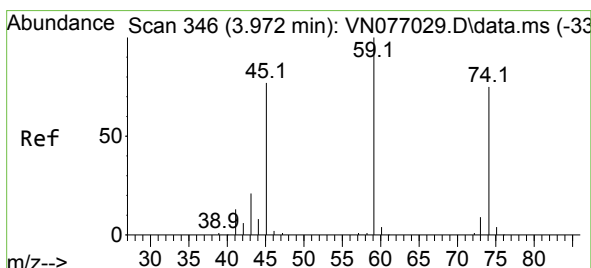
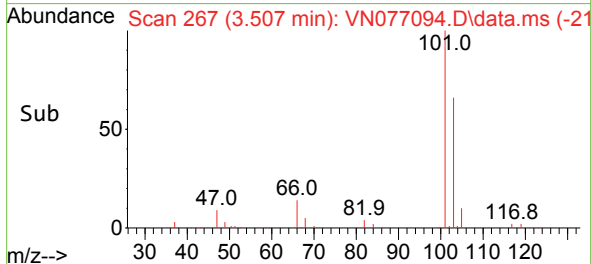
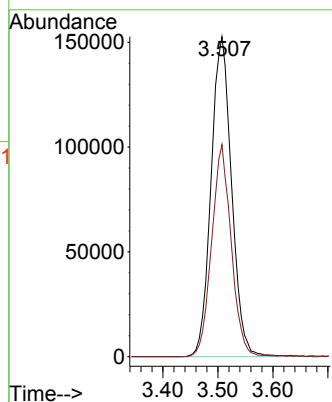
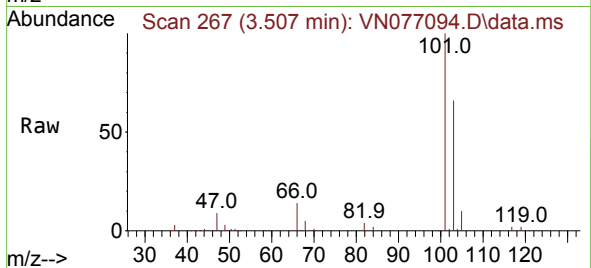




#7
 Trichlorofluoromethane
 Concen: 44.290 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

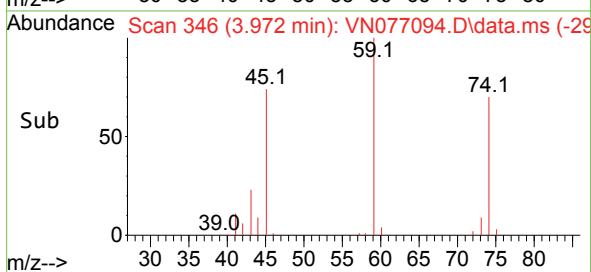
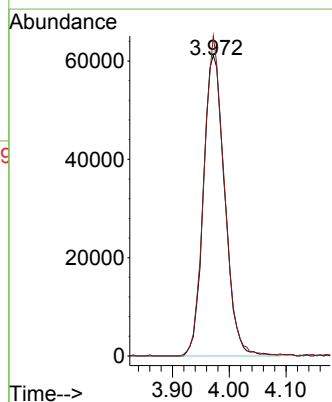
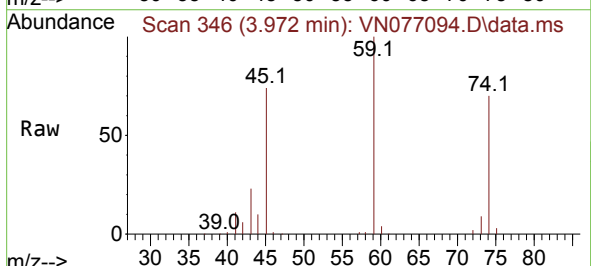
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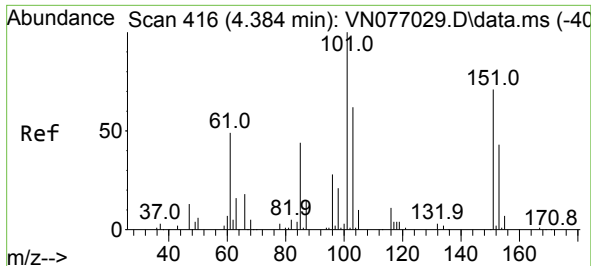
Tgt Ion:101 Resp: 395359
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.8 77.6



#8
 Diethyl Ether
 Concen: 47.511 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

Tgt Ion: 74 Resp: 159612
 Ion Ratio Lower Upper
 74 100
 45 101.7 50.8 152.5

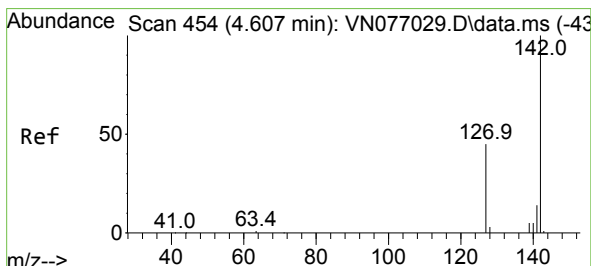
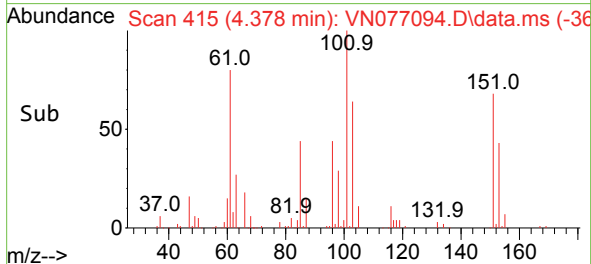
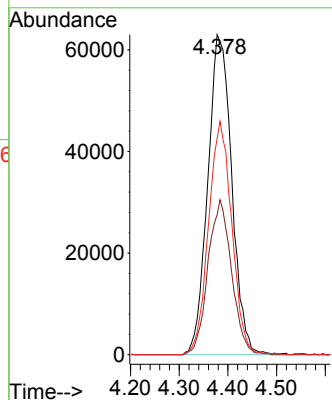
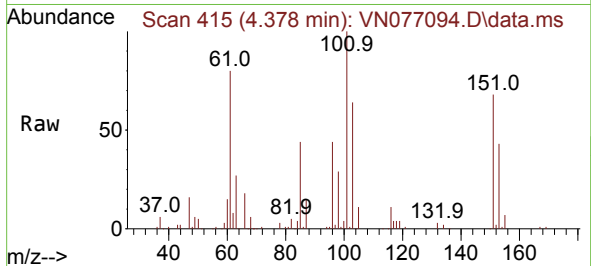




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.615 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077094.D
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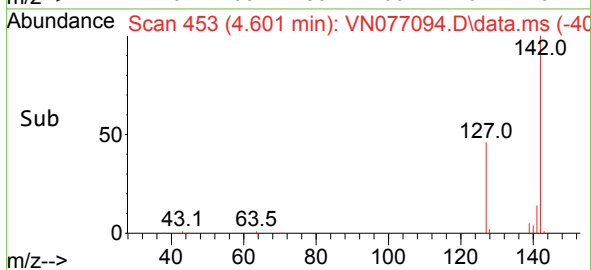
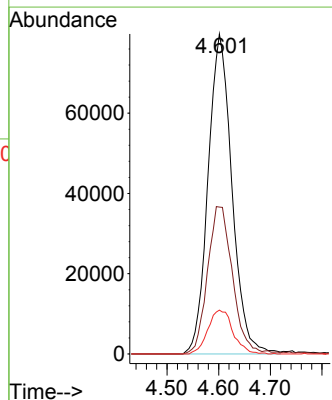
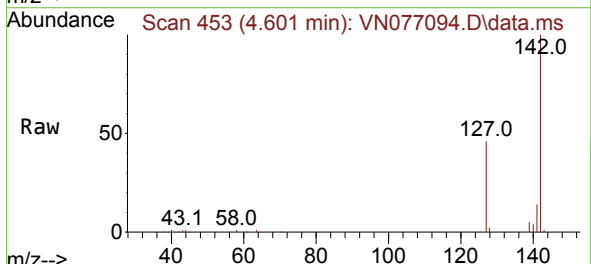
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

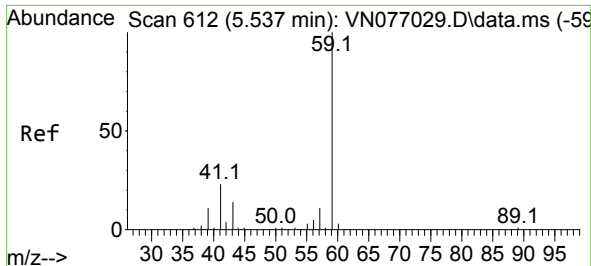
Tgt Ion:101 Resp: 215785
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 70.9 56.9 85.3



#10
Methyl Iodide
Concen: 44.891 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:142 Resp: 256026
Ion Ratio Lower Upper
142 100
127 45.9 36.1 54.1
141 13.7 10.8 16.2

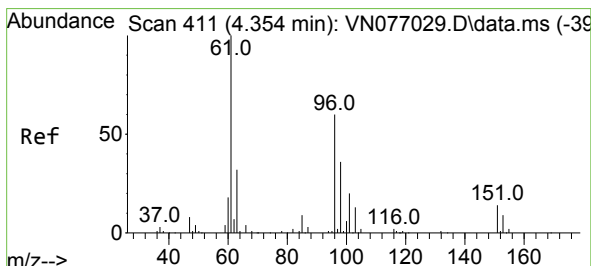
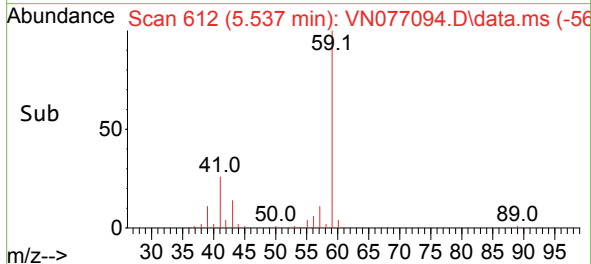
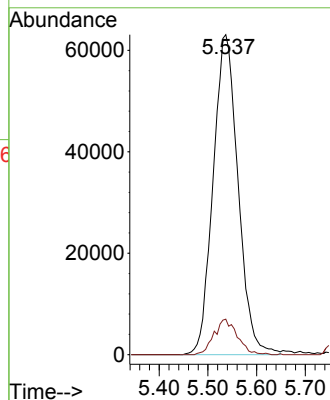
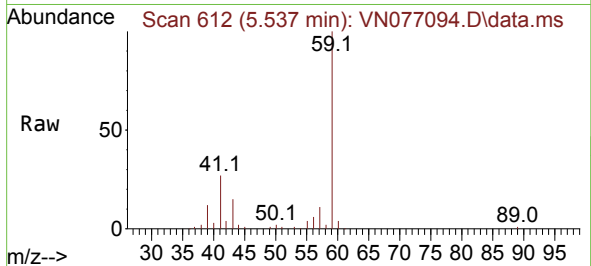




#11
Tert butyl alcohol
Concen: 252.962 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

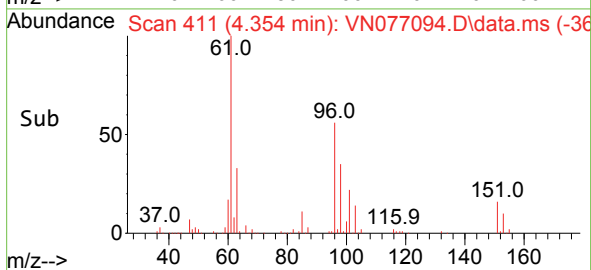
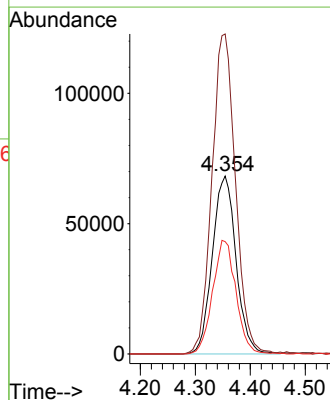
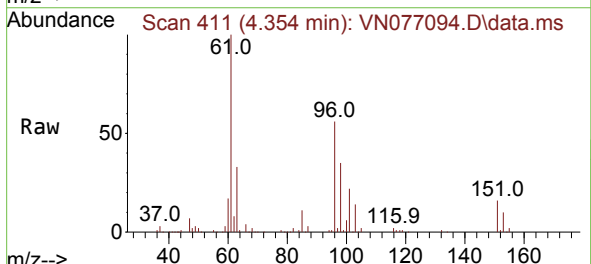
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

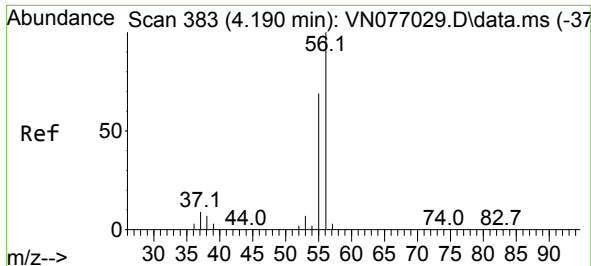
Tgt Ion: 59 Resp: 224648
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 44.258 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 96 Resp: 205013
Ion Ratio Lower Upper
96 100
61 179.8 133.8 200.8
98 63.1 48.6 72.8

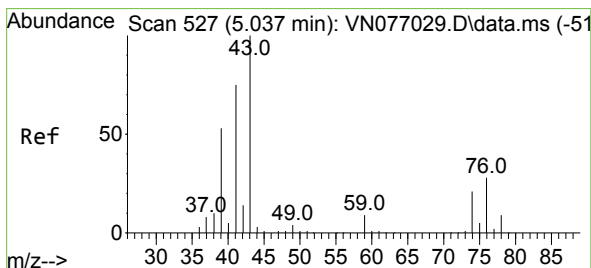
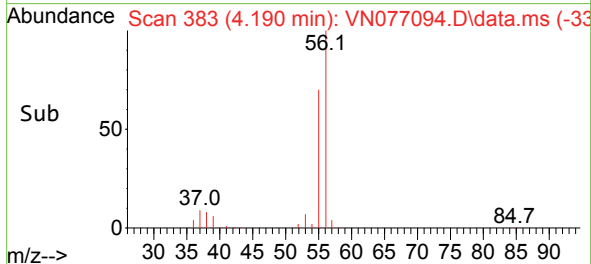
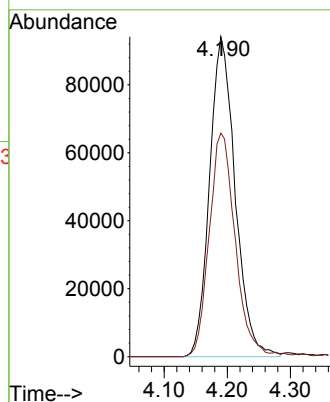
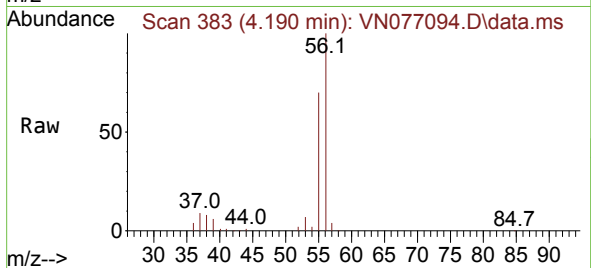




#13
Acrolein
Concen: 241.681 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

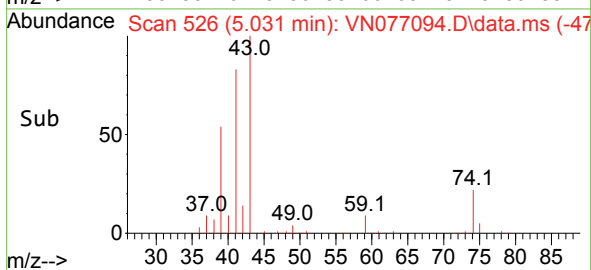
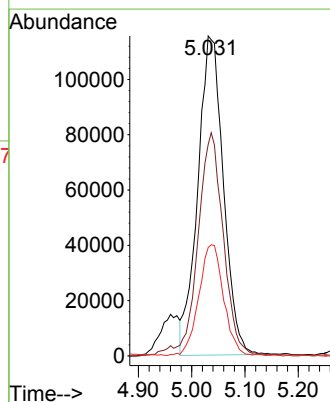
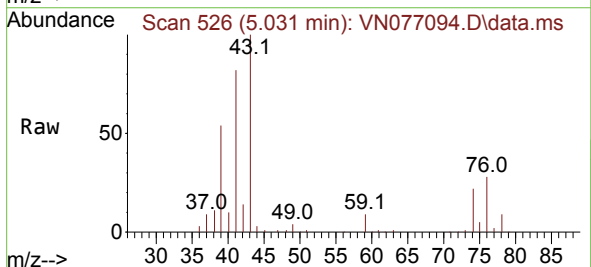
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

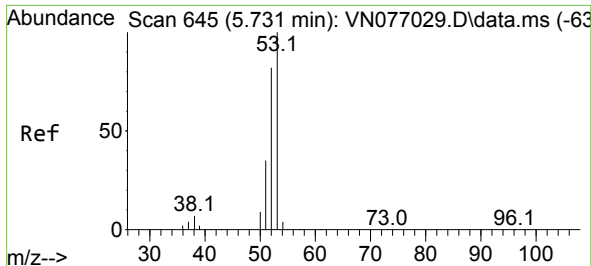
Tgt Ion: 56 Resp: 265467
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.6



#14
Allyl chloride
Concen: 45.570 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 41 Resp: 386441
Ion Ratio Lower Upper
41 100
39 67.4 53.8 80.8
76 33.2 26.7 40.1

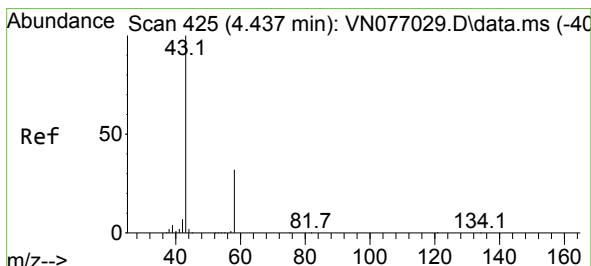
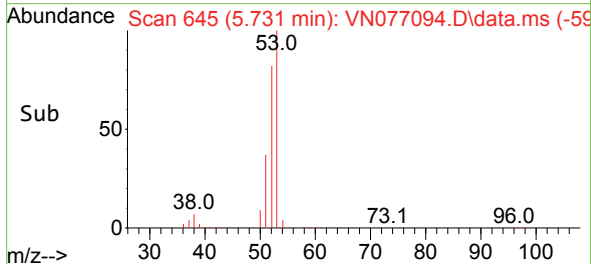
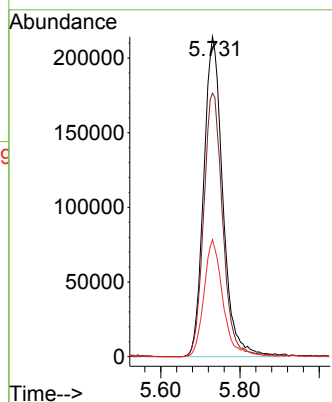
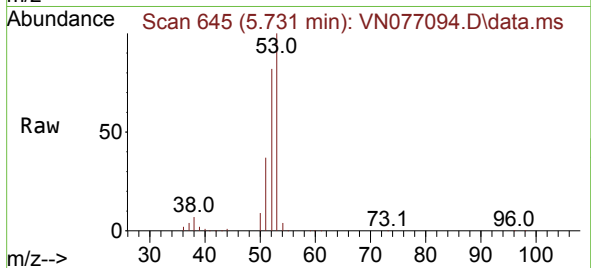




#15
Acrylonitrile
Concen: 240.557 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

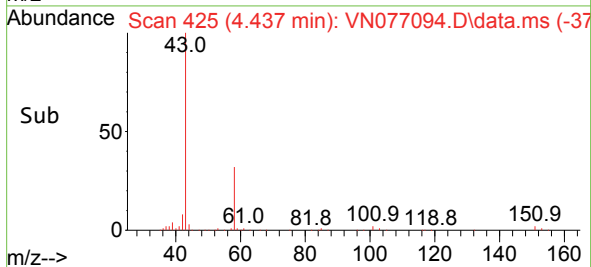
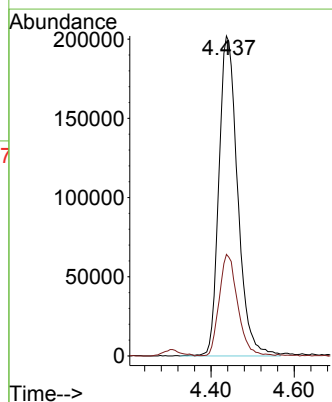
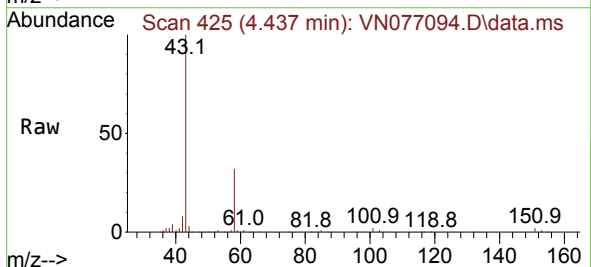
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

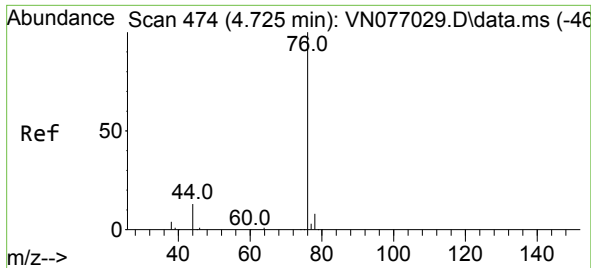
Tgt Ion: 53 Resp: 718185
Ion Ratio Lower Upper
53 100
52 82.3 64.6 97.0
51 36.5 28.3 42.5



#16
Acetone
Concen: 233.151 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 43 Resp: 633134
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.0

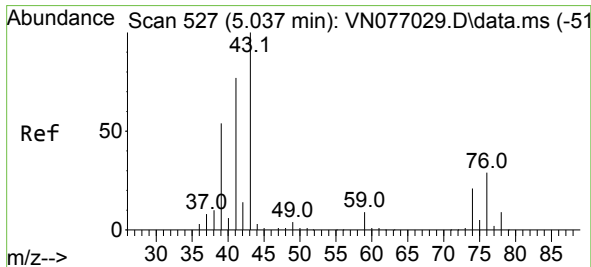
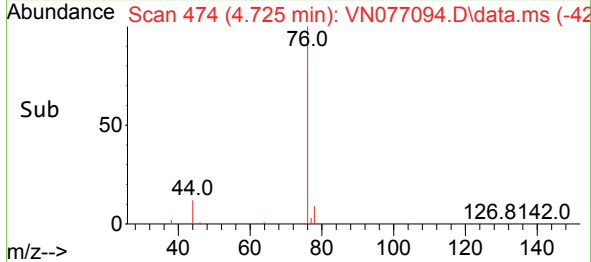
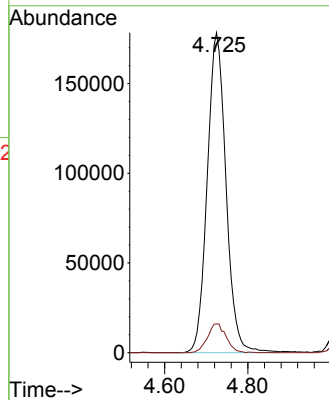
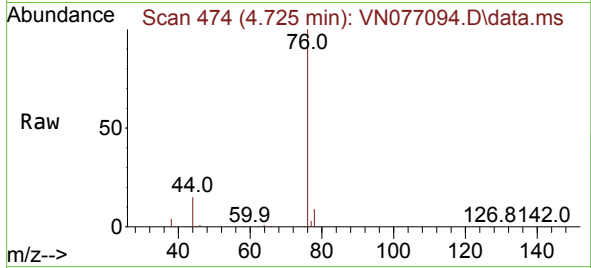




#17
Carbon Disulfide
Concen: 41.333 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

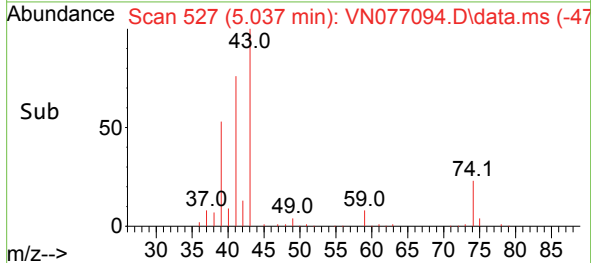
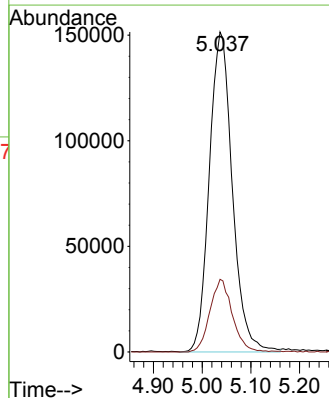
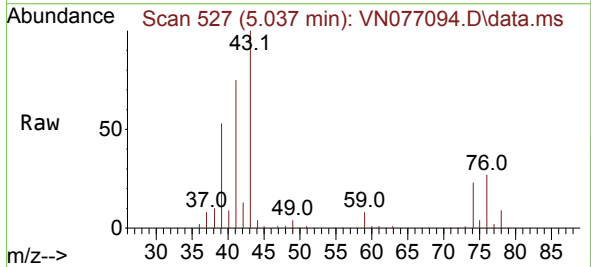
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

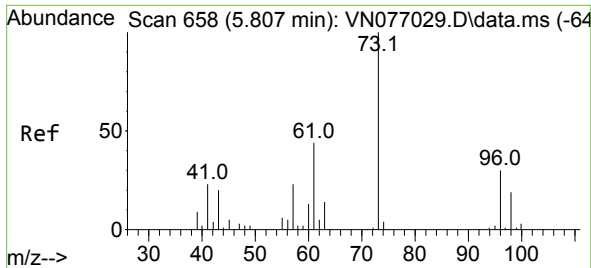
Tgt Ion: 76 Resp: 558283
Ion Ratio Lower Upper
76 100
78 9.0 6.6 10.0



#18
Methyl Acetate
Concen: 48.591 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 43 Resp: 497576
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5

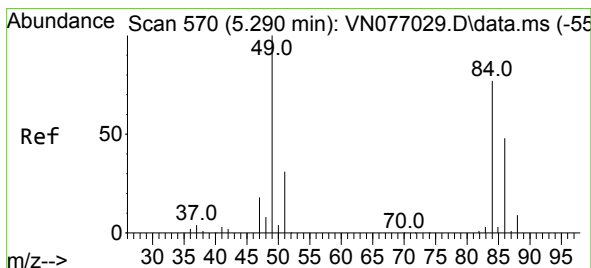
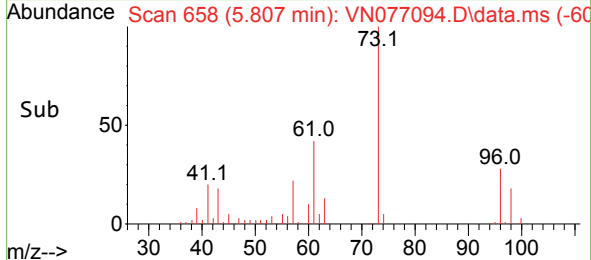
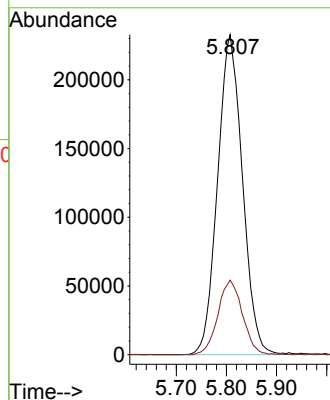
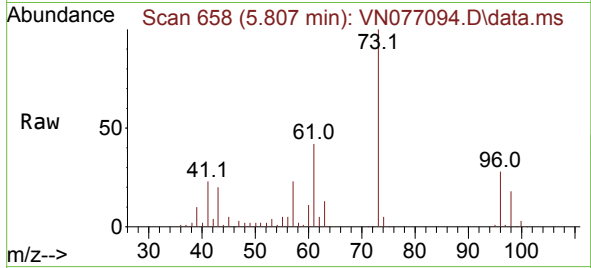




#19
Methyl tert-butyl Ether
Concen: 48.172 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

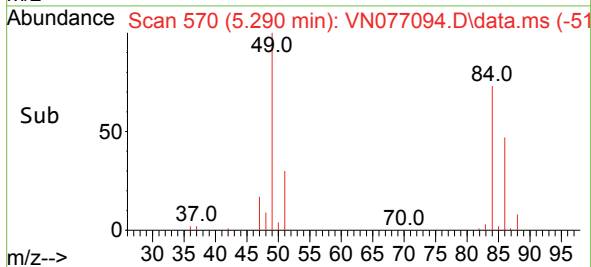
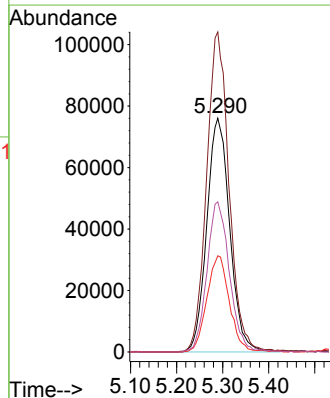
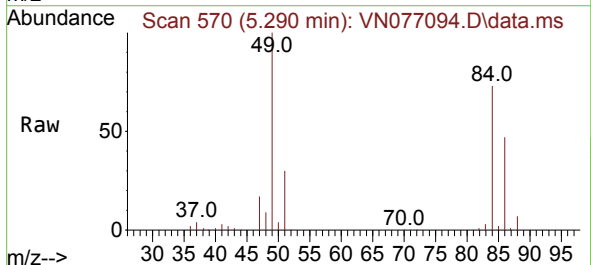
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

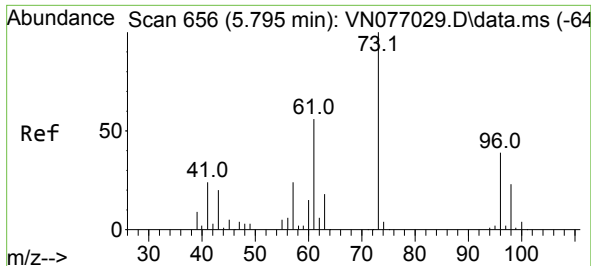
Tgt Ion: 73 Resp: 800862
Ion Ratio Lower Upper
73 100
57 23.3 18.7 28.1



#20
Methylene Chloride
Concen: 44.760 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 84 Resp: 263794
Ion Ratio Lower Upper
84 100
49 136.6 103.8 155.6
51 41.2 32.3 48.5
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 45.515 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

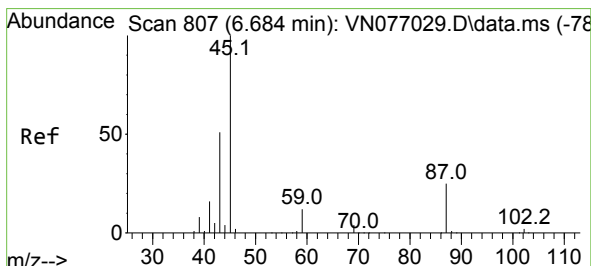
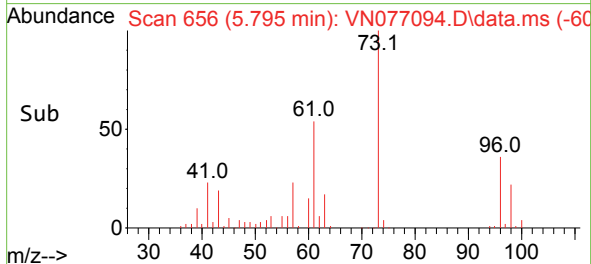
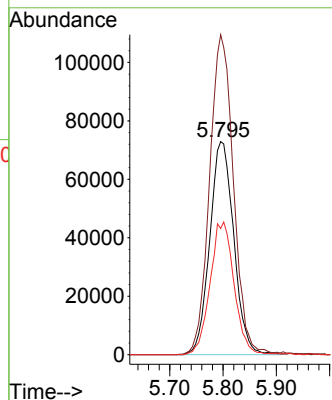
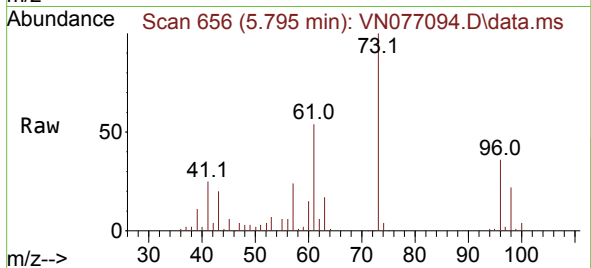
Tgt Ion: 96 Resp: 228519

Ion Ratio Lower Upper

96 100

61 150.0 115.8 173.6

98 59.3 48.2 72.2



#22

Diisopropyl ether

Concen: 49.553 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Tgt Ion: 45 Resp: 920693

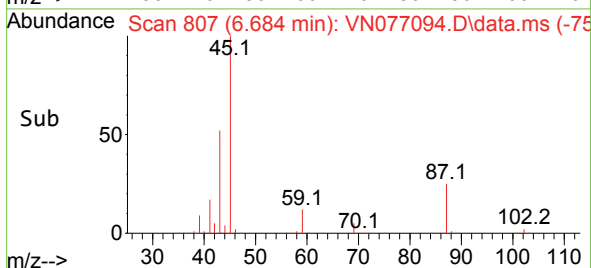
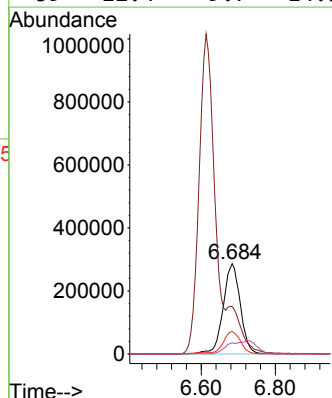
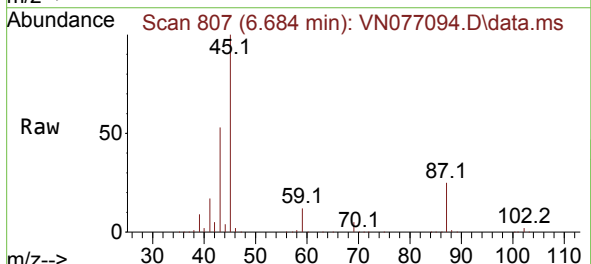
Ion Ratio Lower Upper

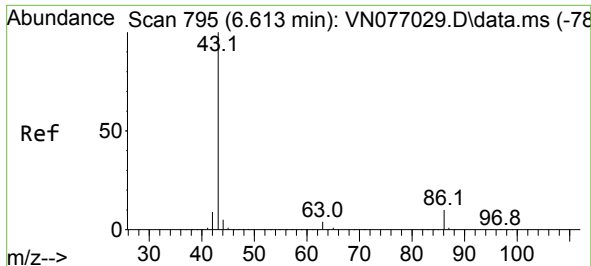
45 100

43 52.4 41.5 62.3

87 24.7 20.6 30.8

59 12.4 9.7 14.5

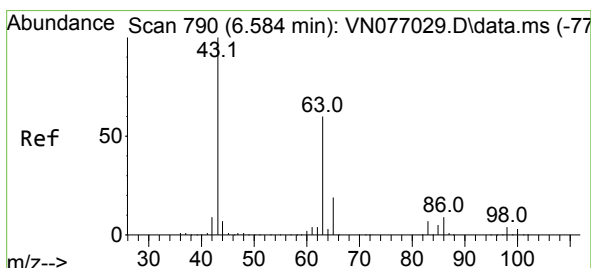
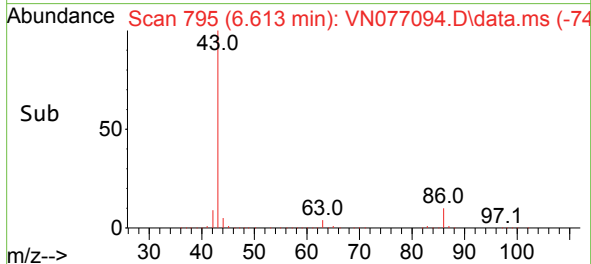
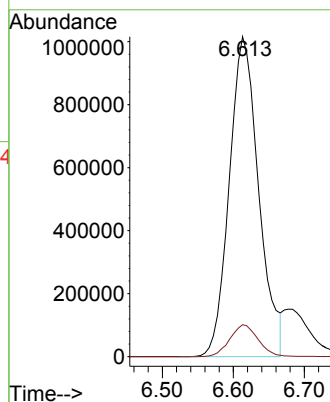
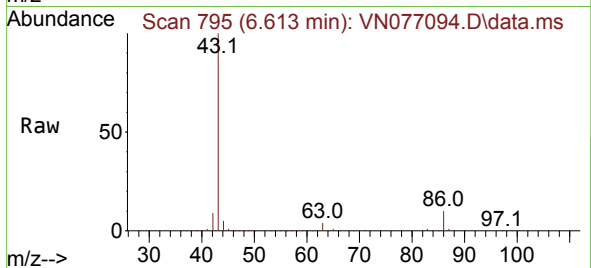




#23
 Vinyl Acetate
 Concen: 249.535 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

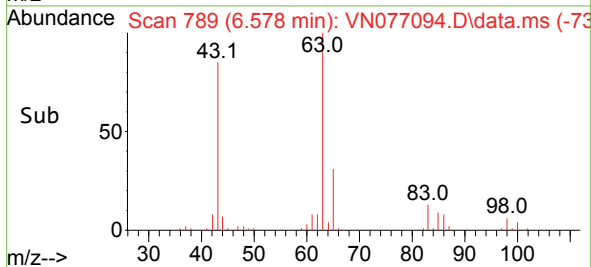
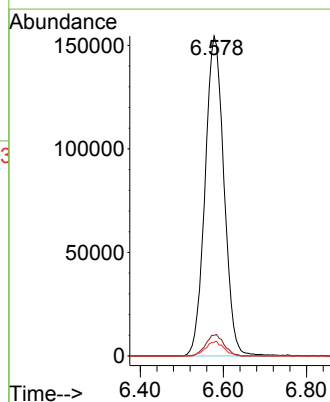
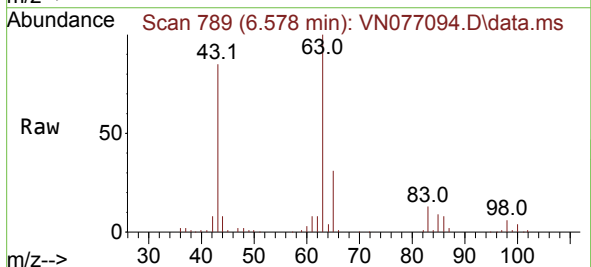
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

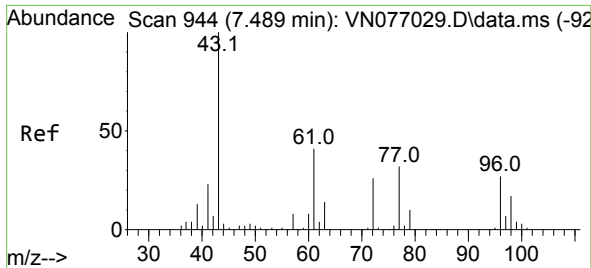
Tgt Ion: 43 Resp: 2925724
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 45.924 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

Tgt Ion: 63 Resp: 488268
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.3 2.1 6.3

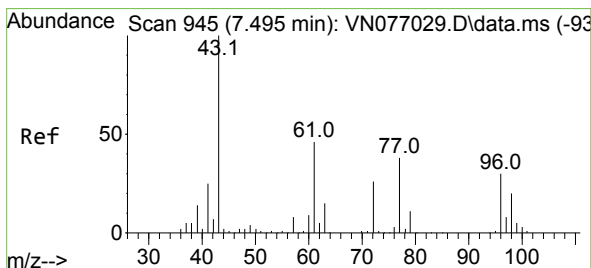
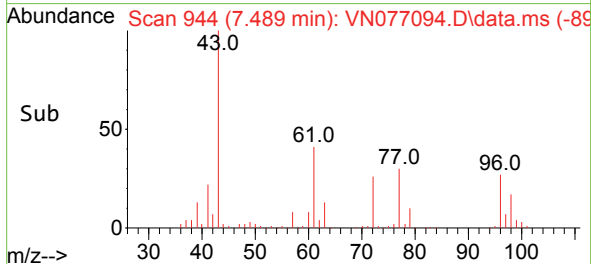
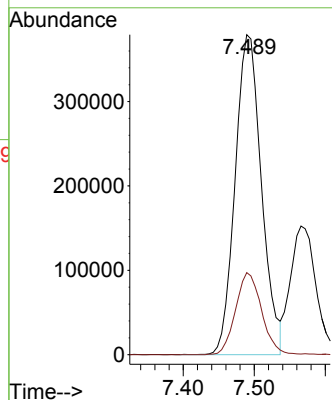
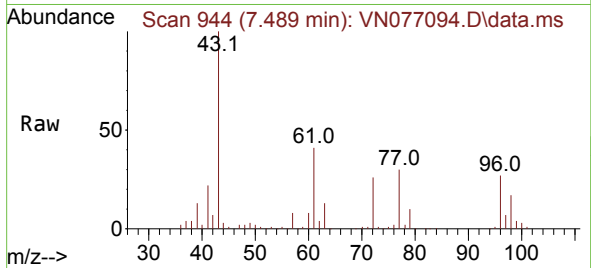




#25
2-Butanone
Concen: 246.555 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

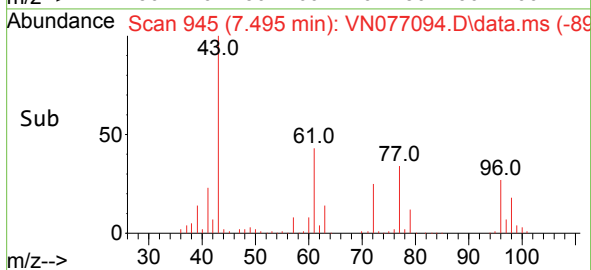
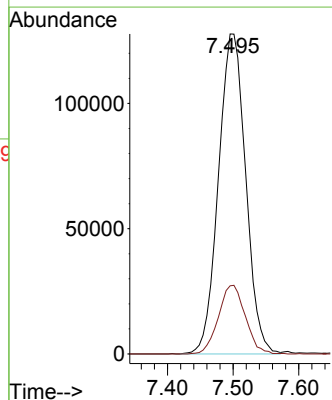
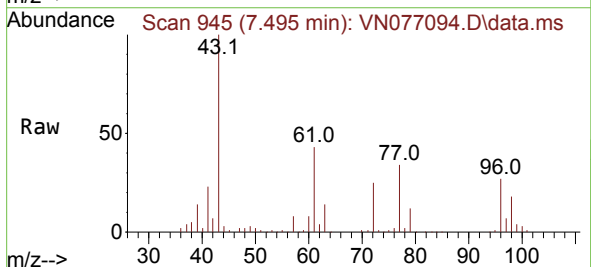
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

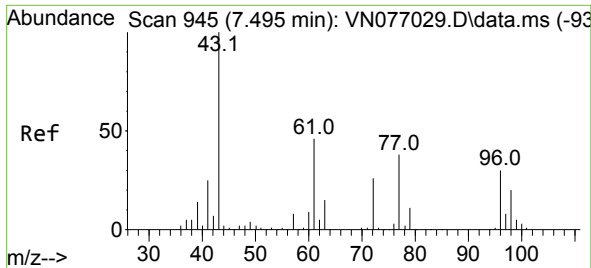
Tgt Ion: 43 Resp: 979431
Ion Ratio Lower Upper
43 100
72 25.6 20.7 31.1



#26
2,2-Dichloropropane
Concen: 46.053 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 77 Resp: 368414
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.9

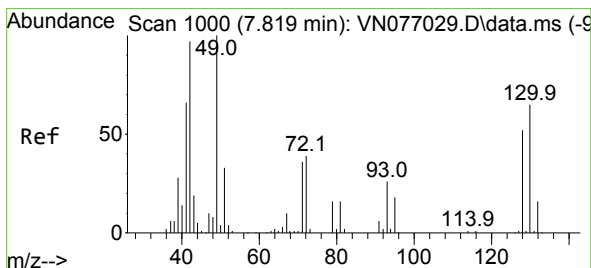
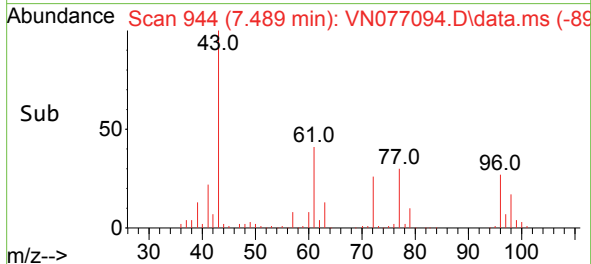
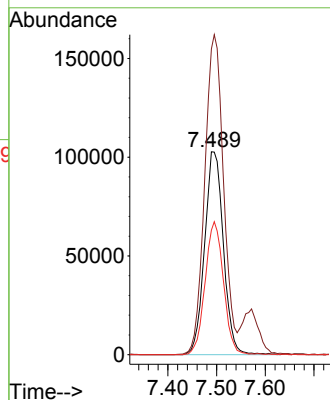
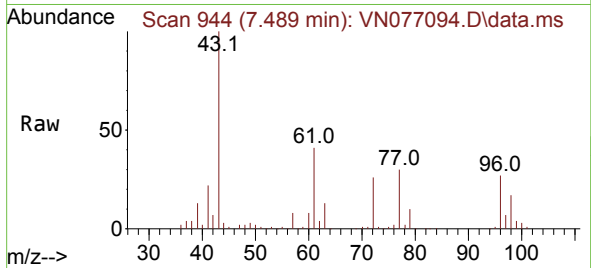




#27
 cis-1,2-Dichloroethene
 Concen: 47.969 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.006 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

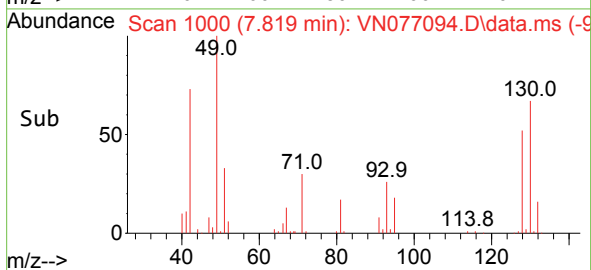
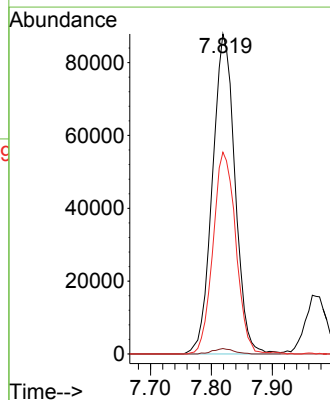
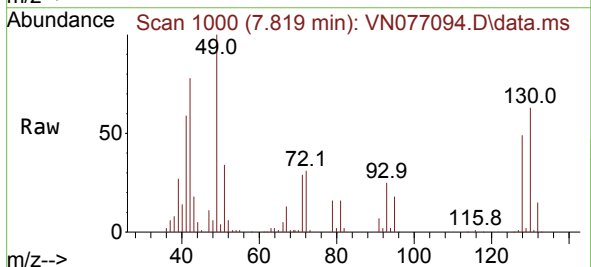
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

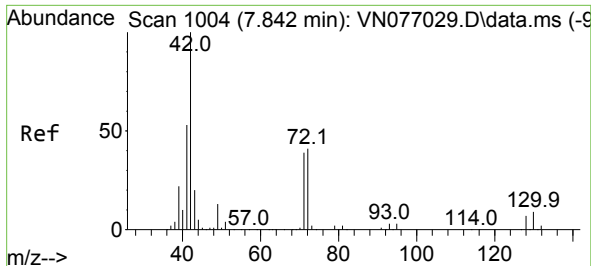
Tgt Ion: 96 Resp: 275835
 Ion Ratio Lower Upper
 96 100
 61 157.2 0.0 315.4
 98 63.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 49.055 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

Tgt Ion: 49 Resp: 226496
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 63.5 51.9 77.9





#29

Tetrahydrofuran

Concen: 253.576 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

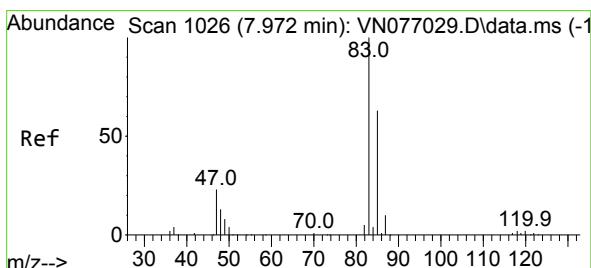
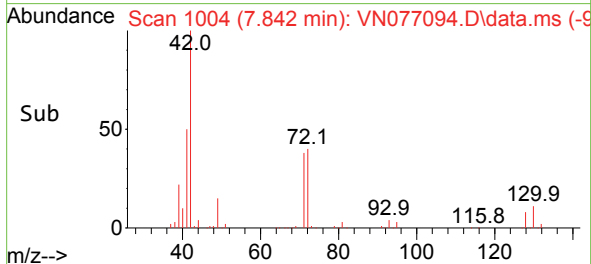
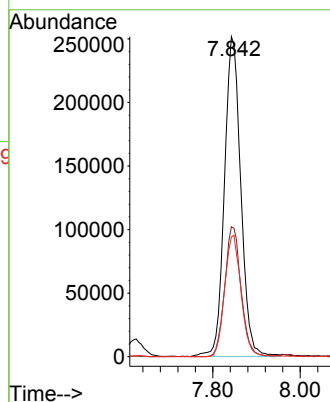
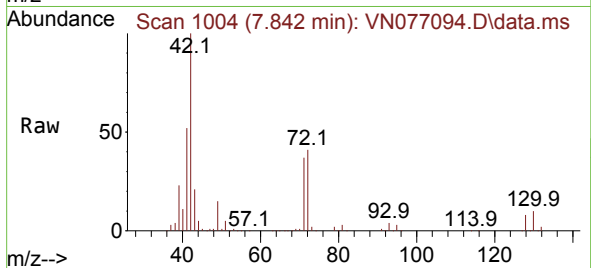
Tgt Ion: 42 Resp: 652753

Ion Ratio Lower Upper

42 100

72 40.6 33.2 49.8

71 38.2 31.0 46.4



#30

Chloroform

Concen: 46.459 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077094.D

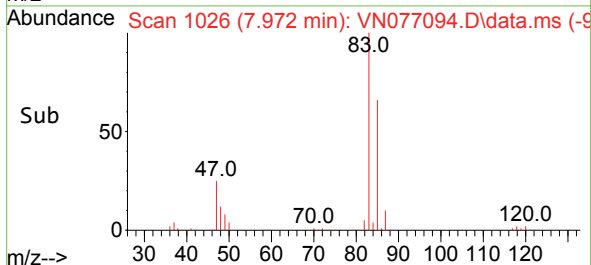
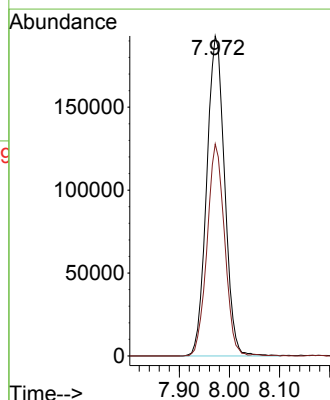
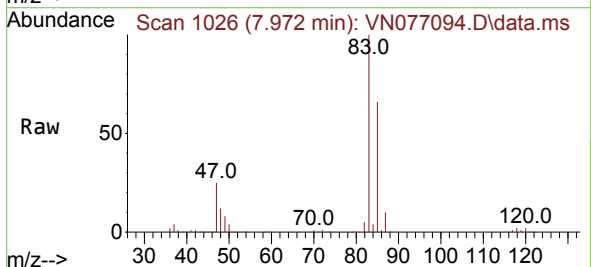
Acq: 21 Mar 2023 16:47

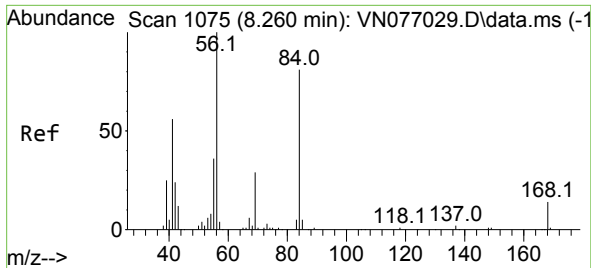
Tgt Ion: 83 Resp: 479423

Ion Ratio Lower Upper

83 100

85 66.3 50.6 75.8

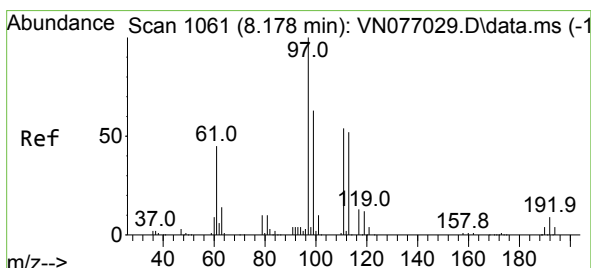
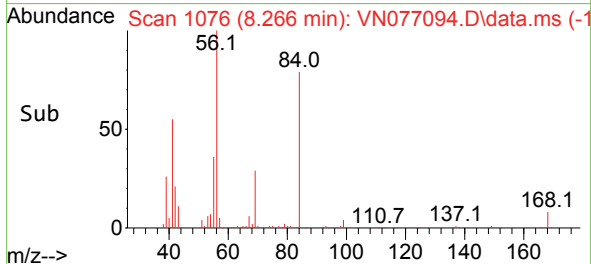
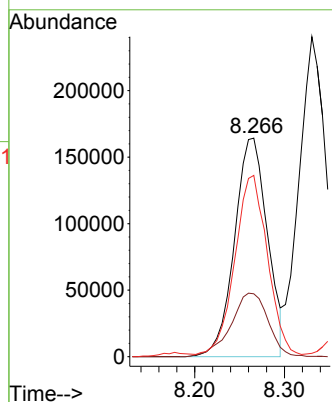
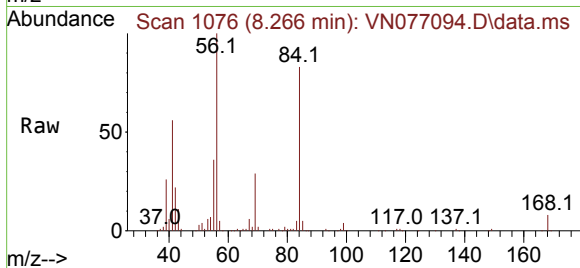




#31
Cyclohexane
Concen: 41.902 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

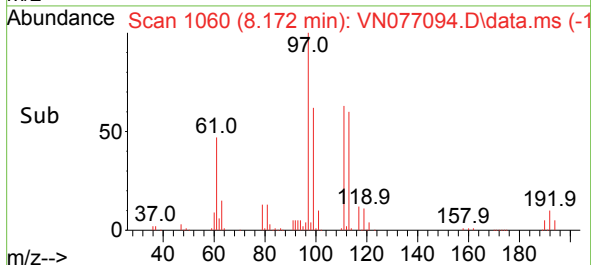
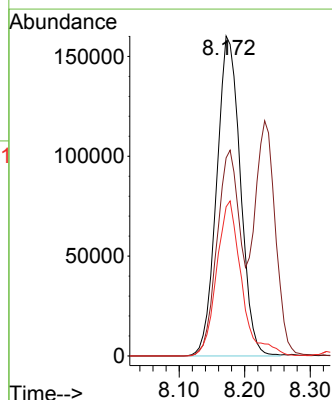
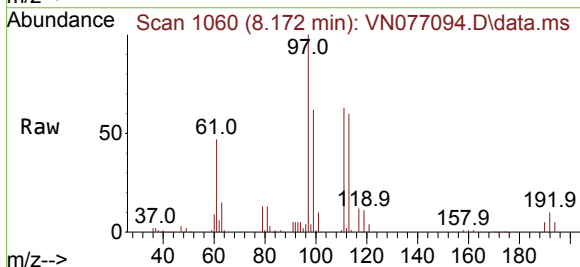
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

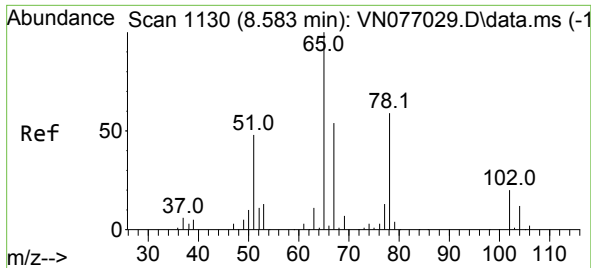
Tgt Ion: 56 Resp: 417822
Ion Ratio Lower Upper
56 100
69 28.7 22.8 34.2
84 81.4 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 45.540 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 97 Resp: 401654
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 51.2 39.0 58.6

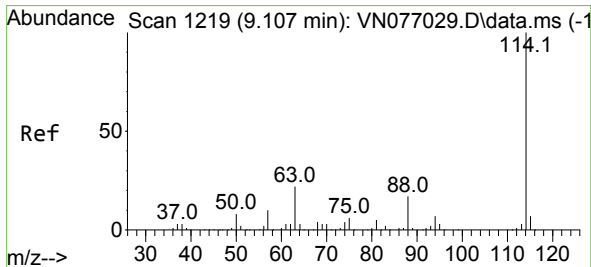
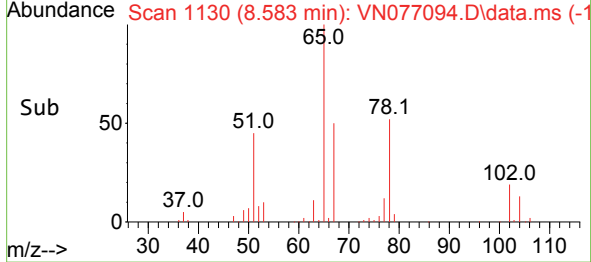
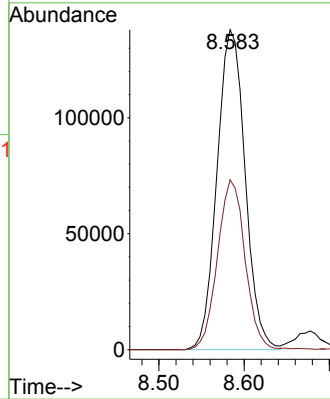
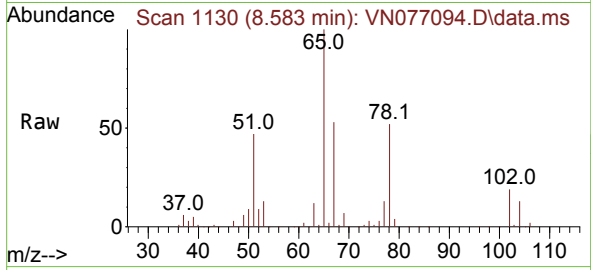




#33
1,2-Dichloroethane-d4
Concen: 51.938 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

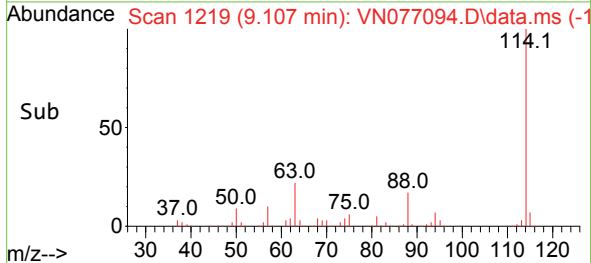
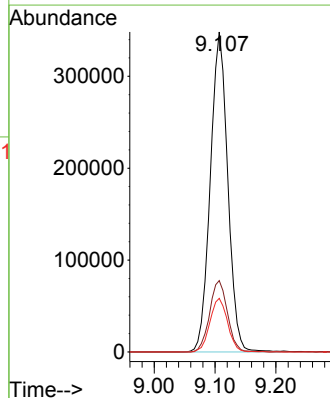
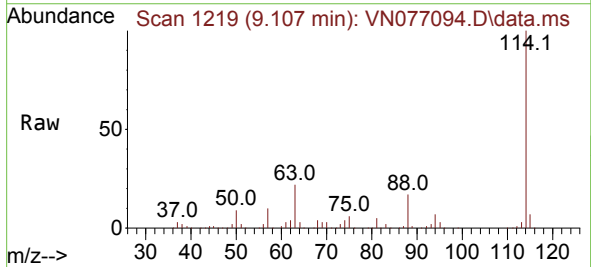
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

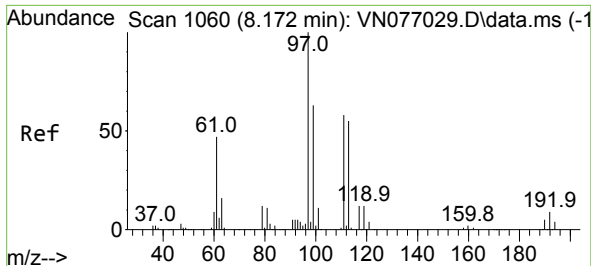
Tgt Ion: 65 Resp: 316533
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 114 Resp: 692285
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.800 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

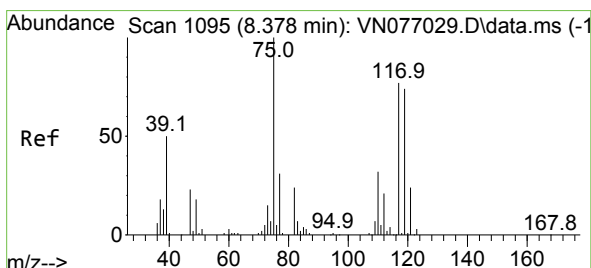
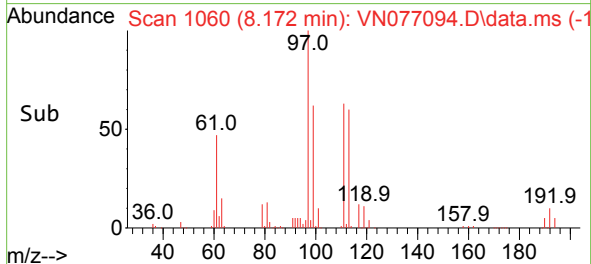
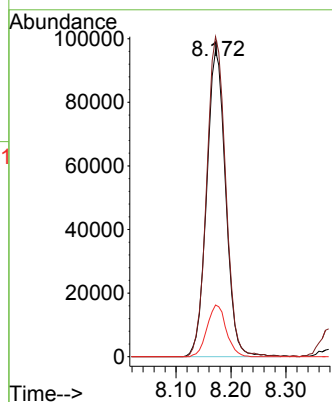
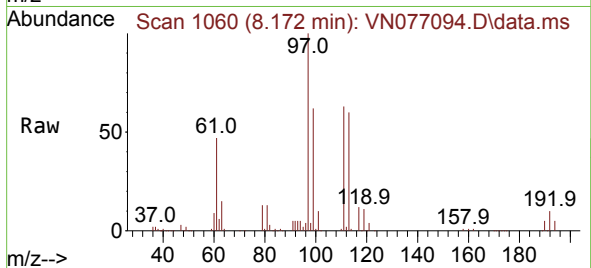
Tgt Ion:113 Resp: 231741

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.2

192 17.0 13.0 19.6



#36

1,1-Dichloropropene

Concen: 45.615 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

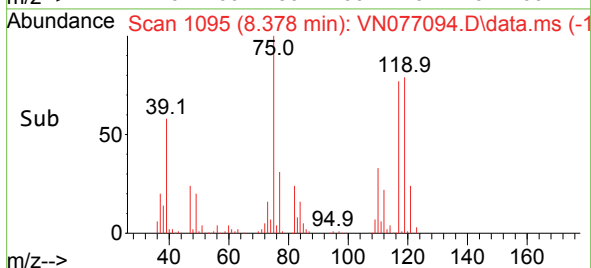
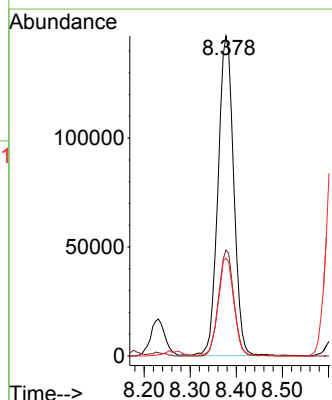
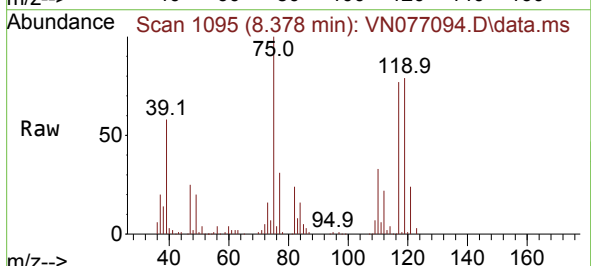
Tgt Ion: 75 Resp: 345417

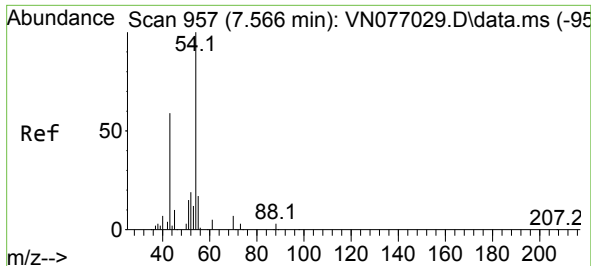
Ion Ratio Lower Upper

75 100

110 32.3 15.9 47.7

77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 48.349 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

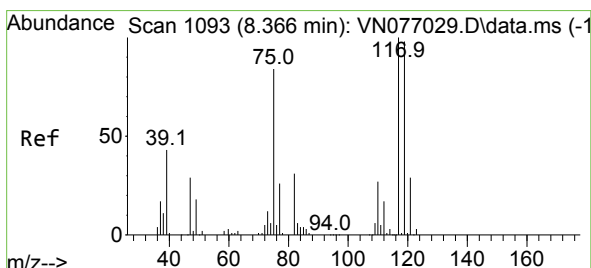
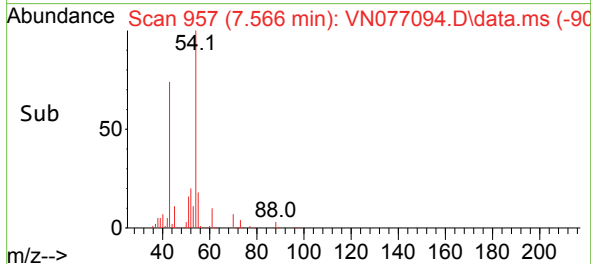
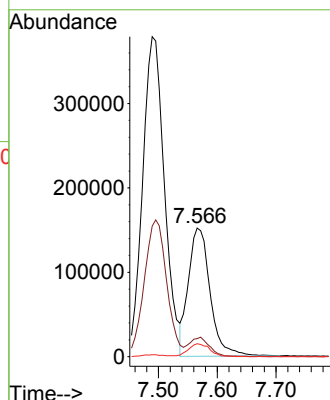
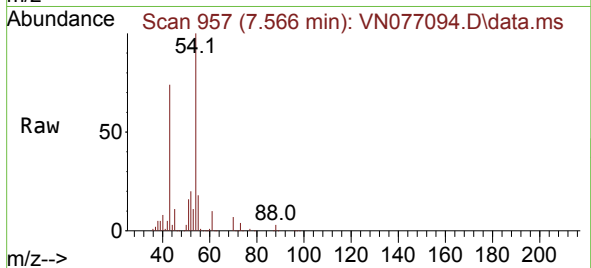
Tgt Ion: 43 Resp: 391720

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

70 10.2 8.4 12.6



#38

Carbon Tetrachloride

Concen: 45.828 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

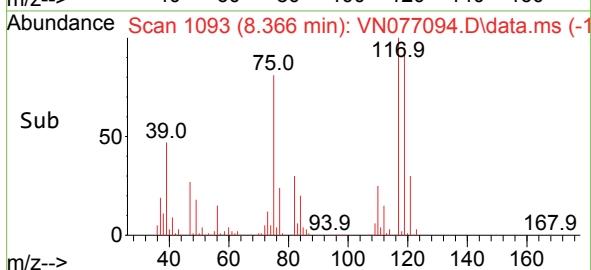
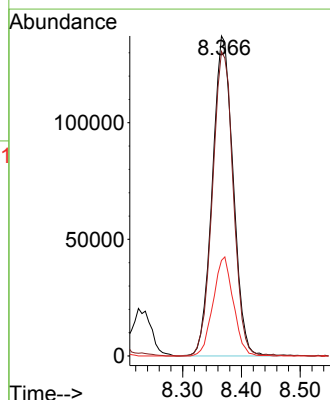
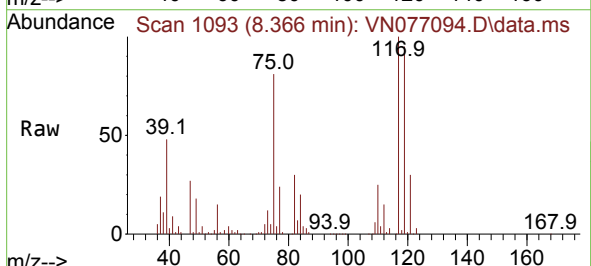
Tgt Ion: 117 Resp: 338021

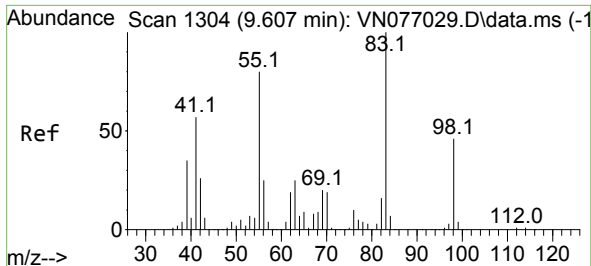
Ion Ratio Lower Upper

117 100

119 95.1 78.2 117.2

121 29.9 23.2 34.8





#39

Methylcyclohexane

Concen: 46.347 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

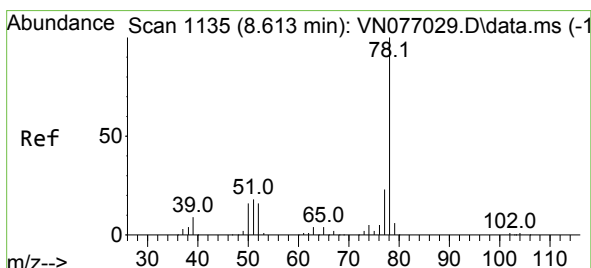
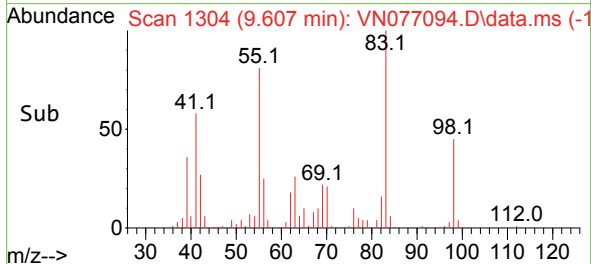
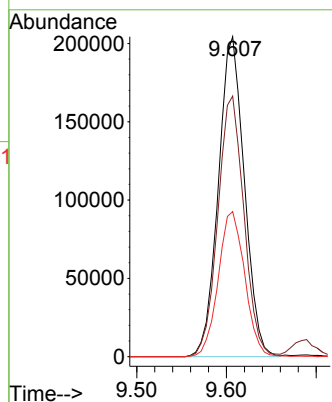
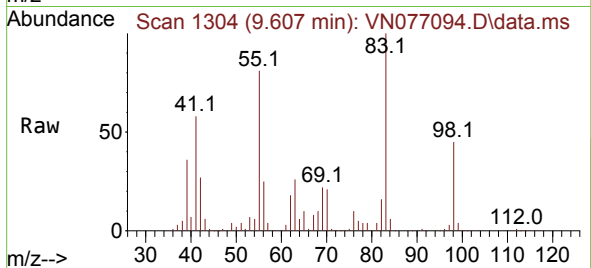
Tgt Ion: 83 Resp: 410791

Ion Ratio Lower Upper

83 100

55 81.5 63.8 95.8

98 45.4 37.1 55.7



#40

Benzene

Concen: 45.455 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077094.D

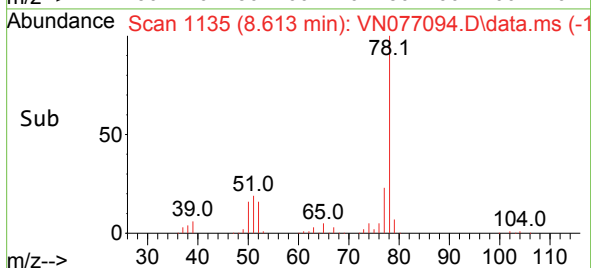
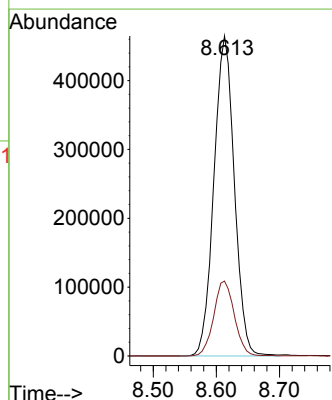
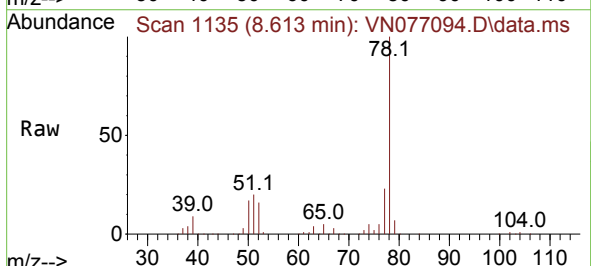
Acq: 21 Mar 2023 16:47

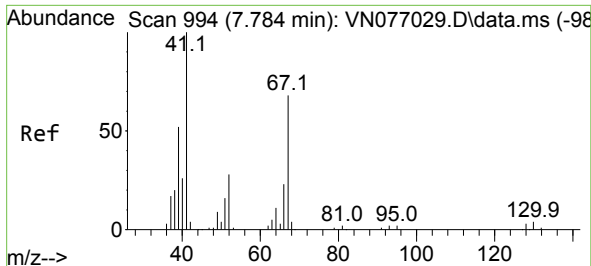
Tgt Ion: 78 Resp: 1043891

Ion Ratio Lower Upper

78 100

77 23.4 18.5 27.7



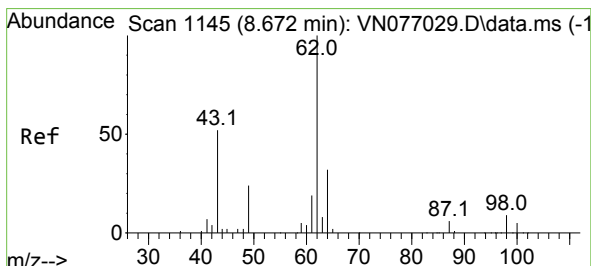
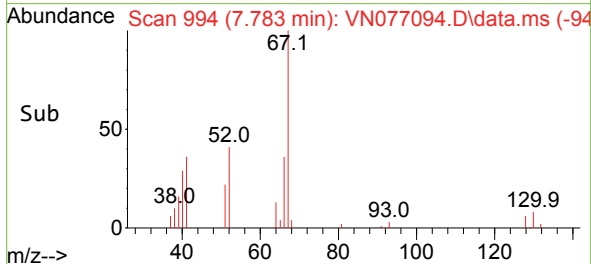
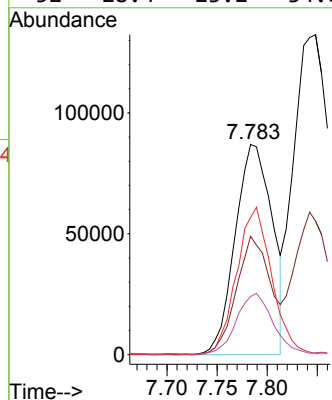
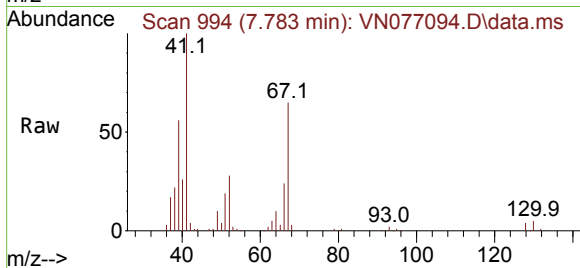


#41
Methacrylonitrile
Concen: 51.233 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 223613

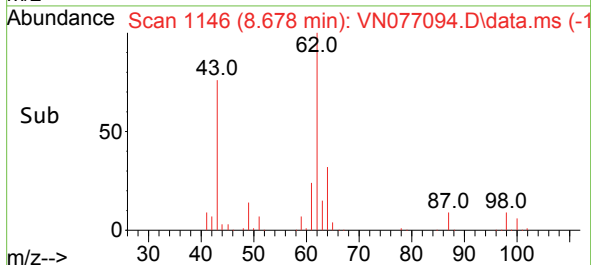
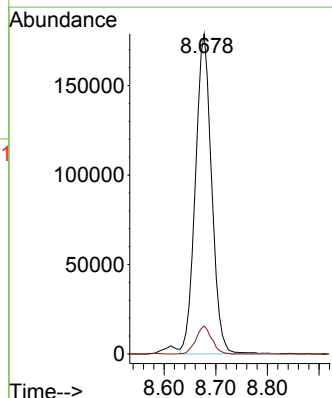
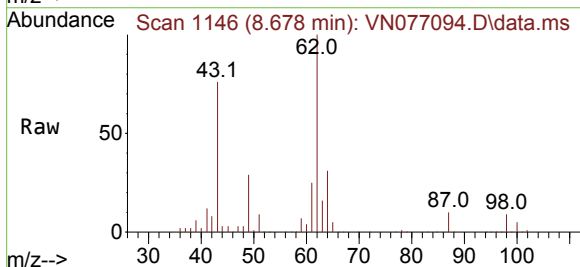
Ion	Ratio	Lower	Upper
41	100		
39	52.2	41.6	62.4
67	67.1	53.8	80.8
52	28.4	23.2	34.8

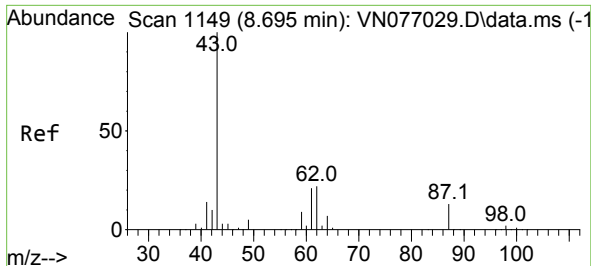


#42
1,2-Dichloroethane
Concen: 46.961 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 62 Resp: 389710

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.4

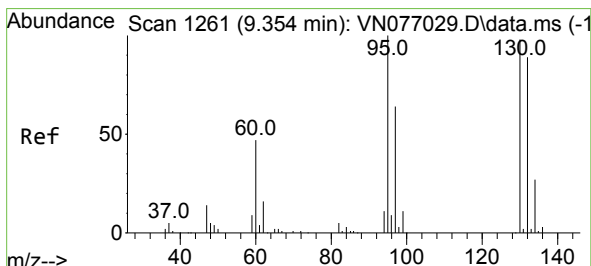
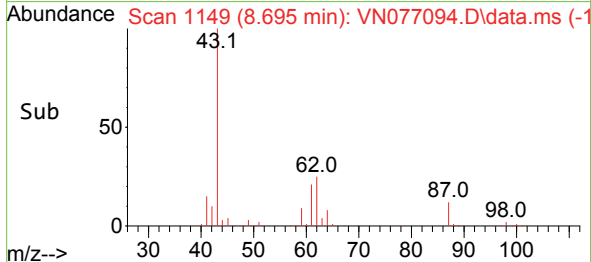
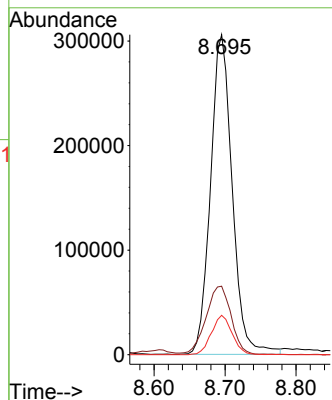
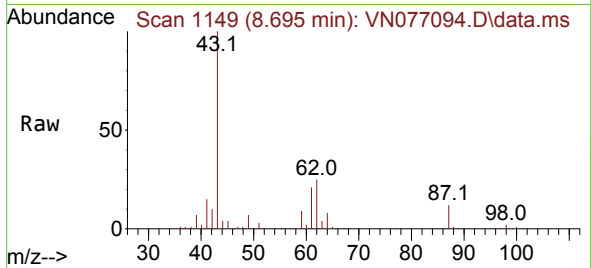




#43
Isopropyl Acetate
Concen: 51.410 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

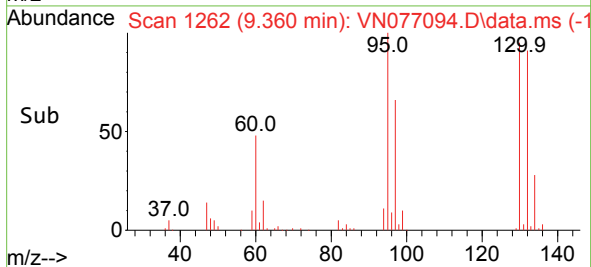
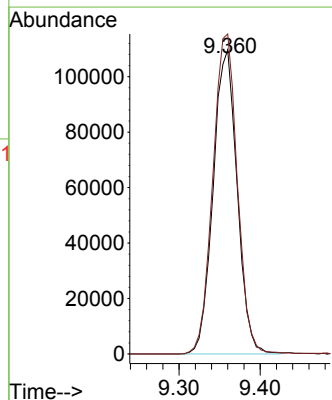
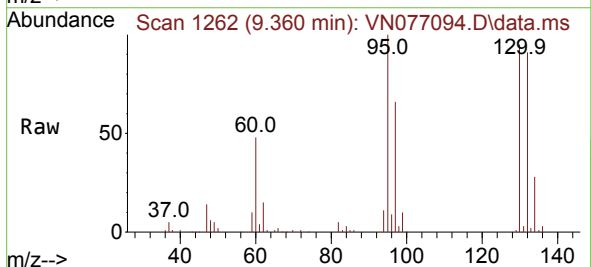
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

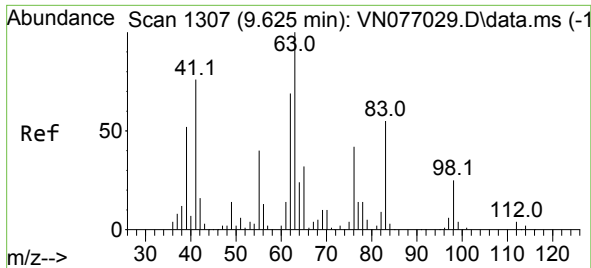
Tgt Ion: 43 Resp: 650668
Ion Ratio Lower Upper
43 100
61 24.9 20.6 30.8
87 11.7 10.0 15.0



#44
Trichloroethene
Concen: 42.707 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:130 Resp: 225281
Ion Ratio Lower Upper
130 100
95 105.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 46.865 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

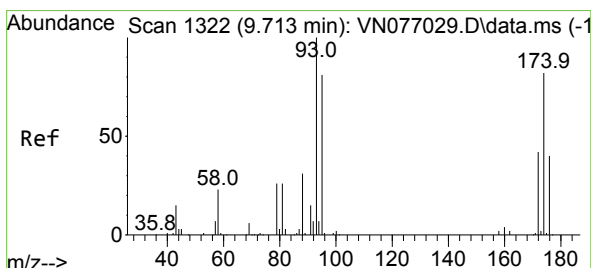
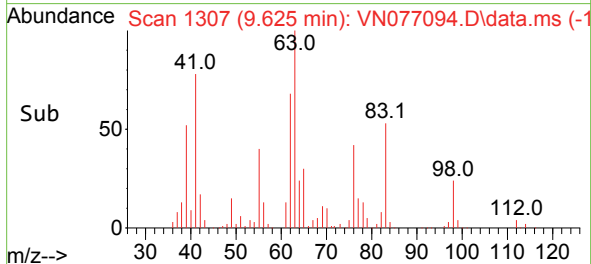
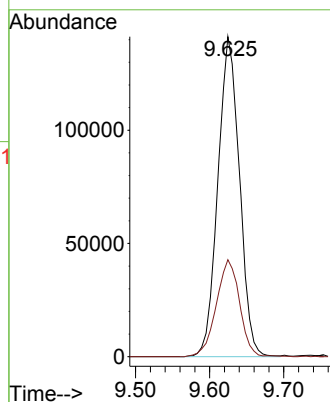
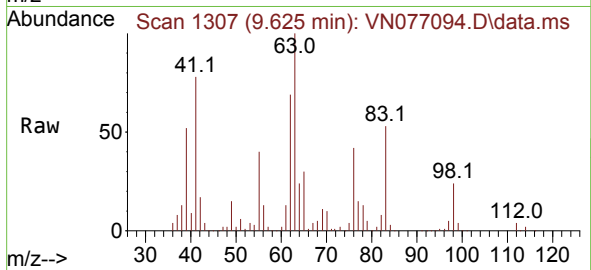
VSTDCCC050EC

Tgt Ion: 63 Resp: 285849

Ion Ratio Lower Upper

63 100

65 30.3 25.5 38.3



#46

Dibromomethane

Concen: 46.413 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

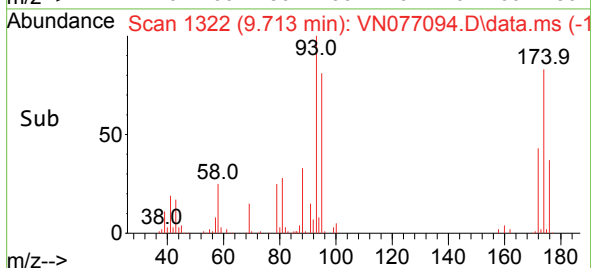
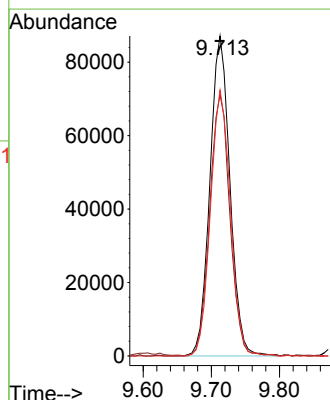
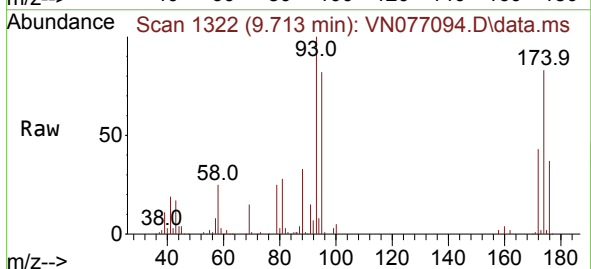
Tgt Ion: 93 Resp: 178542

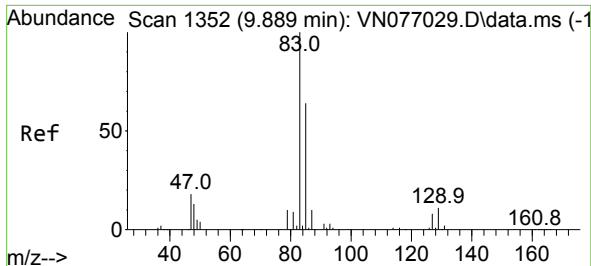
Ion Ratio Lower Upper

93 100

95 82.3 65.7 98.5

174 82.6 66.4 99.6

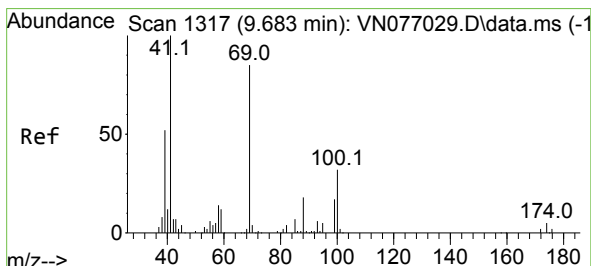
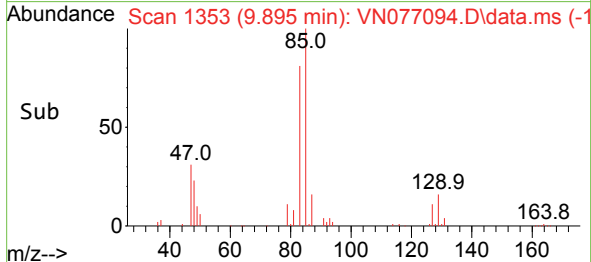
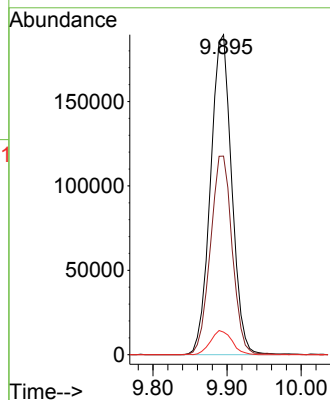
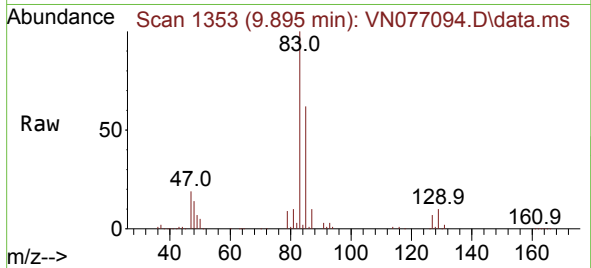




#47
Bromodichloromethane
Concen: 46.639 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

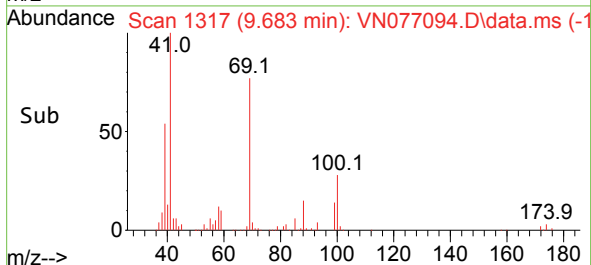
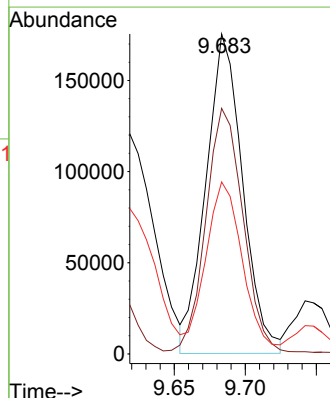
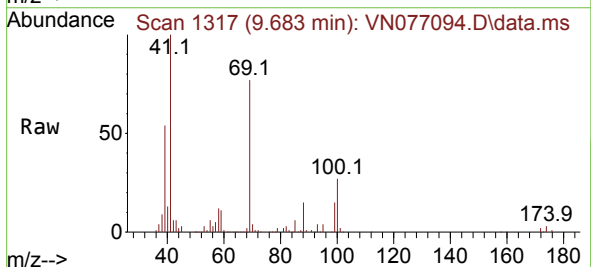
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

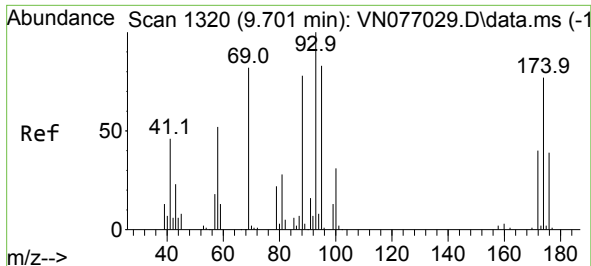
Tgt Ion: 83 Resp: 376282
Ion Ratio Lower Upper
83 100
85 62.1 51.0 76.4
127 7.0 6.1 9.1



#48
Methyl methacrylate
Concen: 51.902 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 41 Resp: 314044
Ion Ratio Lower Upper
41 100
69 79.0 64.3 96.5
39 54.8 43.2 64.8





#49

1,4-Dioxane

Concen: 1031.085 ug/l

RT: 9.701 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

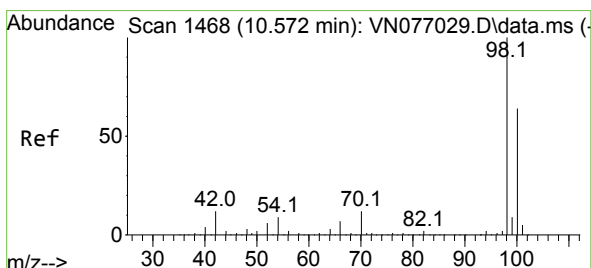
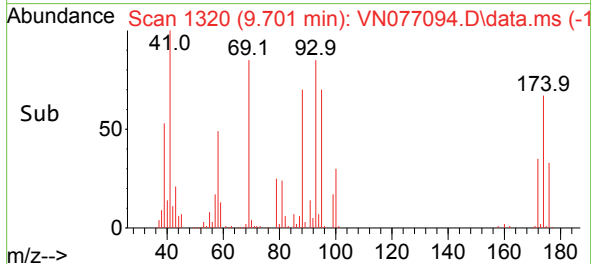
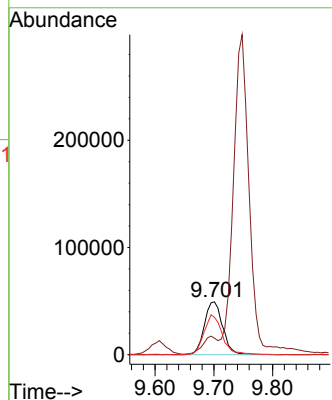
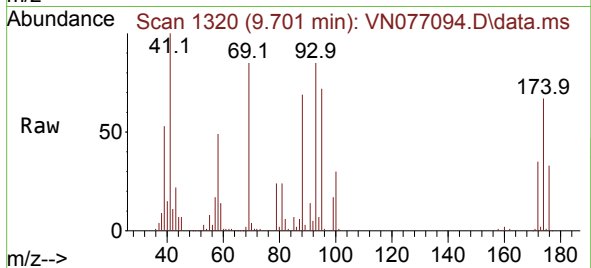
Tgt Ion: 88 Resp: 106557

Ion Ratio Lower Upper

88 100

43 27.3 22.2 33.2

58 75.5 60.8 91.2



#50

Toluene-d8

Concen: 50.396 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077094.D

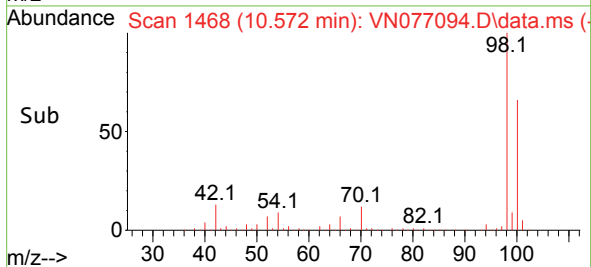
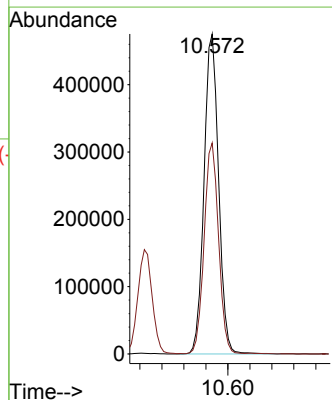
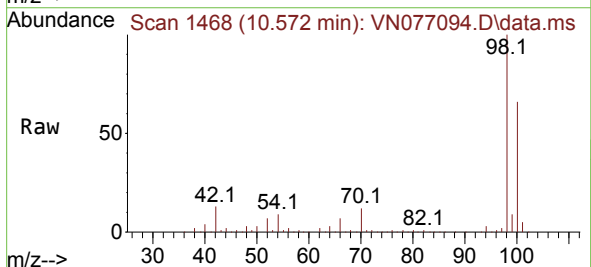
Acq: 21 Mar 2023 16:47

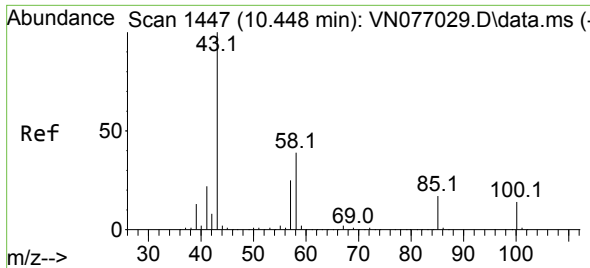
Tgt Ion: 98 Resp: 872774

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

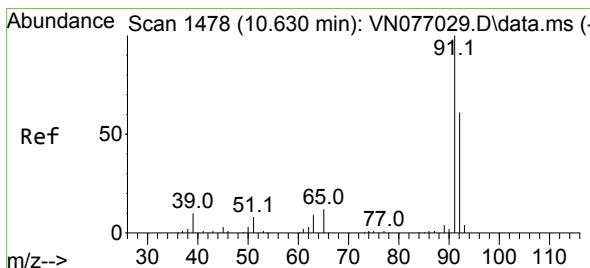
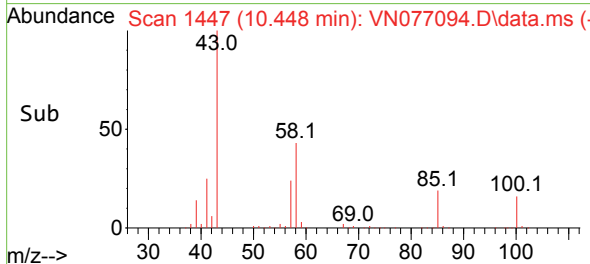
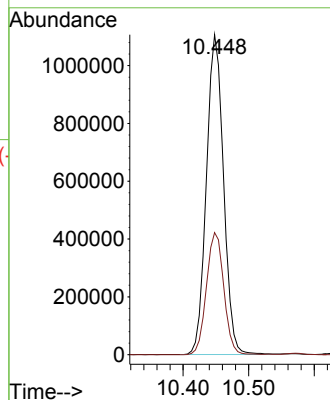
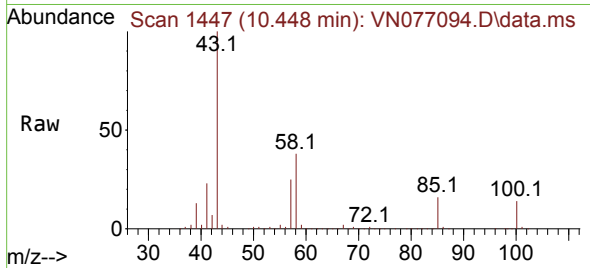




#51
4-Methyl-2-Pentanone
Concen: 255.697 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

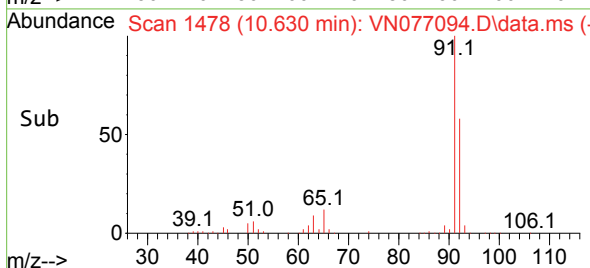
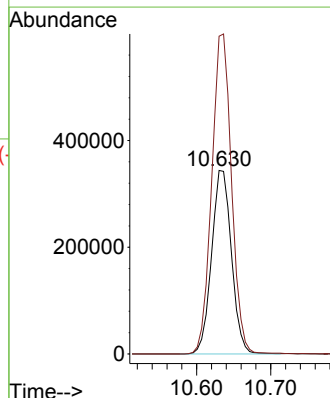
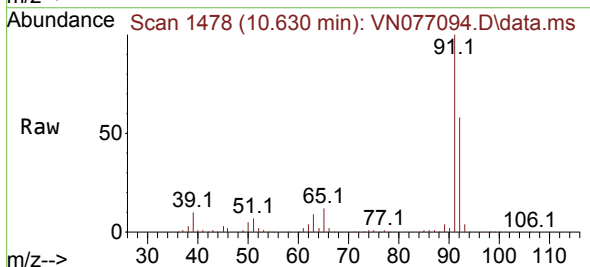
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

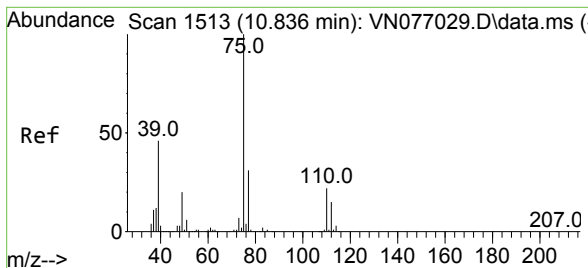
Tgt Ion: 43 Resp: 2015285
Ion Ratio Lower Upper
43 100
58 38.7 31.1 46.7



#52
Toluene
Concen: 46.673 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 92 Resp: 639981
Ion Ratio Lower Upper
92 100
91 173.9 135.8 203.8

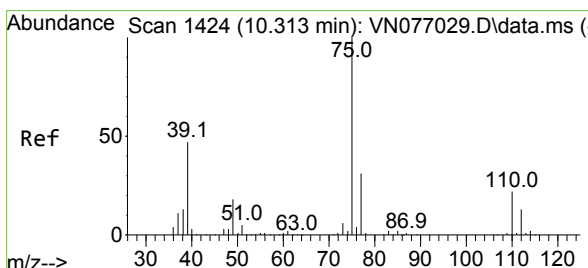
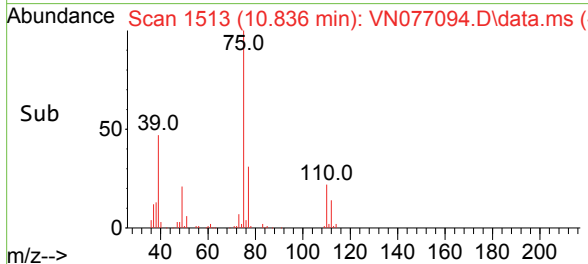
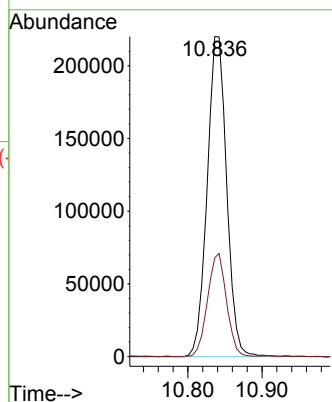
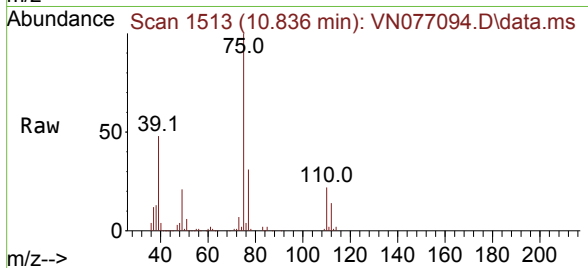




#53
 t-1,3-Dichloropropene
 Concen: 50.803 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

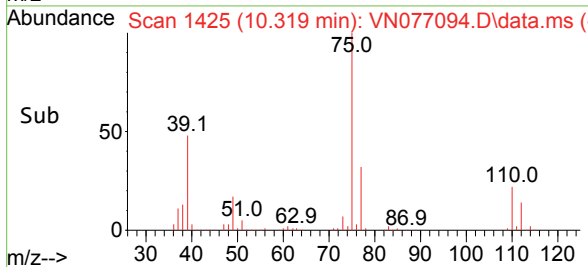
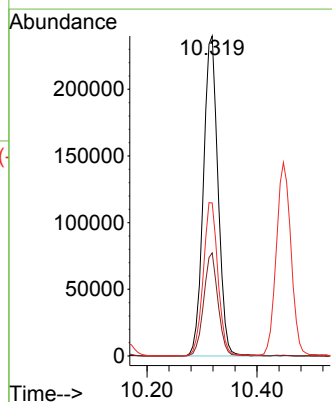
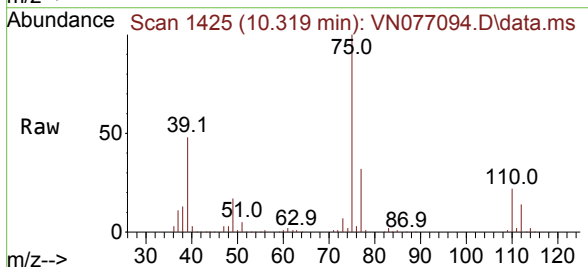
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

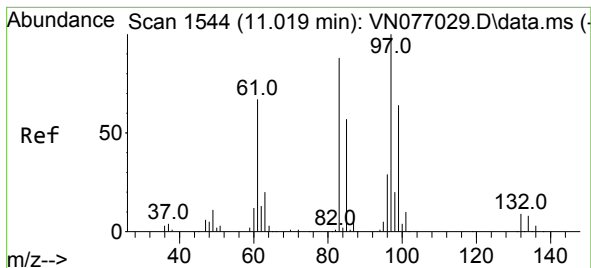
Tgt Ion: 75 Resp: 401721
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.723 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

Tgt Ion: 75 Resp: 443618
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.5 36.7
 39 47.8 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 47.996 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 97 Resp: 259522

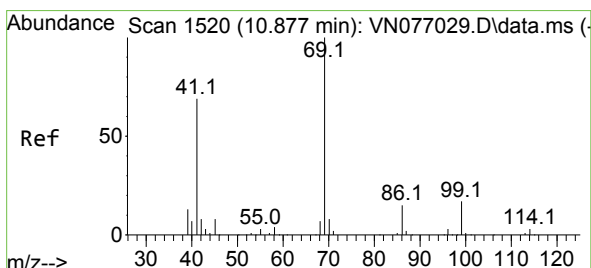
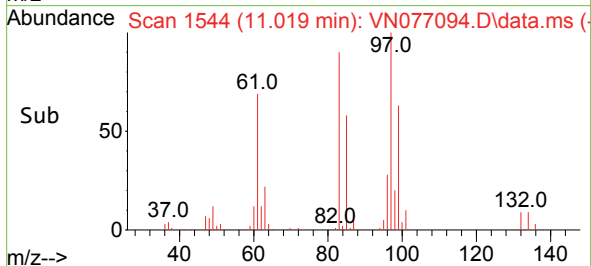
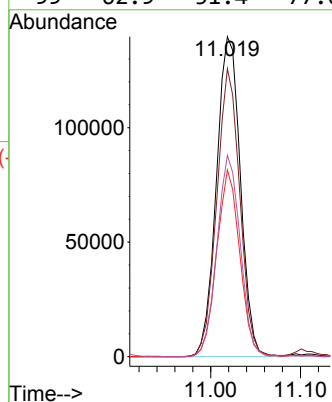
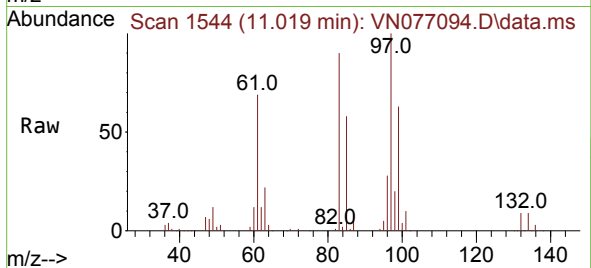
Ion Ratio Lower Upper

97 100

83 90.0 70.5 105.7

85 58.4 45.4 68.2

99 62.9 51.4 77.0



#56

Ethyl methacrylate

Concen: 51.634 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

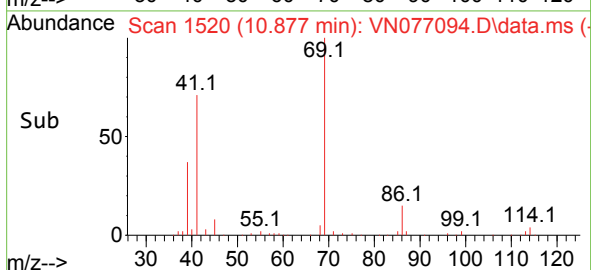
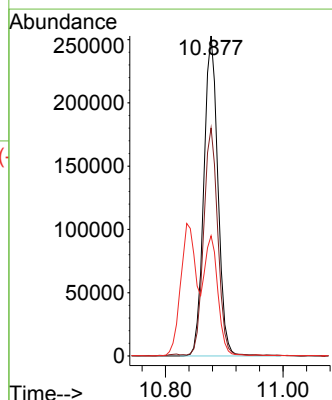
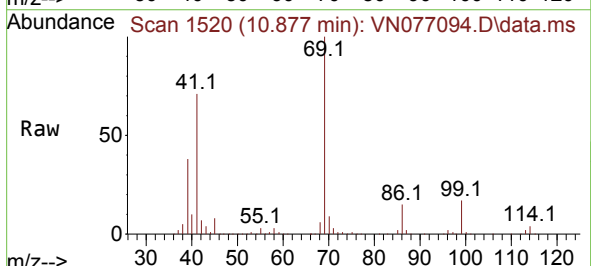
Tgt Ion: 69 Resp: 419825

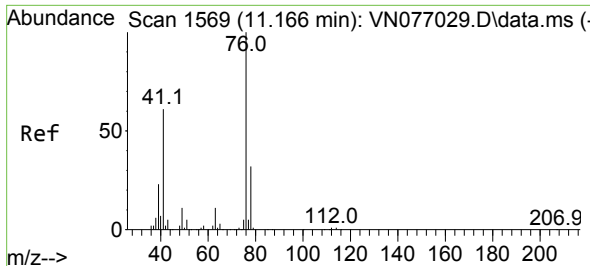
Ion Ratio Lower Upper

69 100

41 70.8 54.9 82.3

39 35.1 26.6 40.0





#57

1,3-Dichloropropane

Concen: 47.098 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

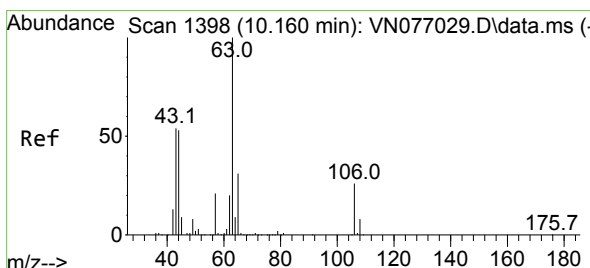
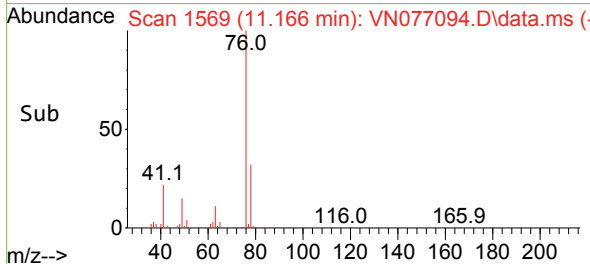
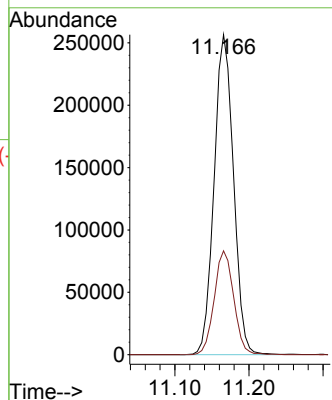
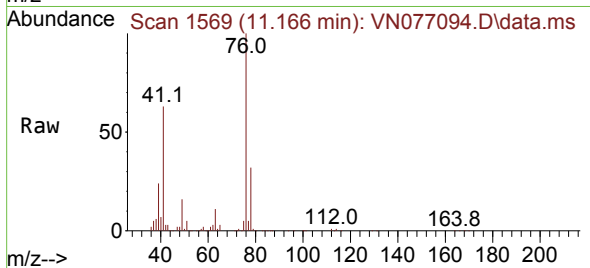
VSTDCCC050EC

Tgt Ion: 76 Resp: 466249

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 236.914 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077094.D

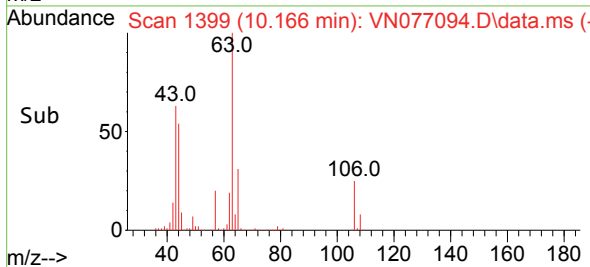
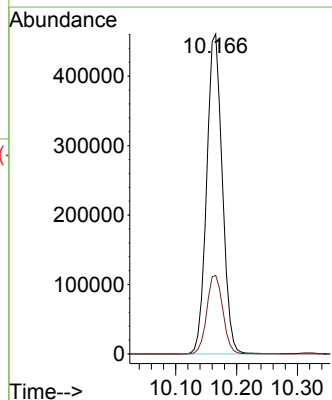
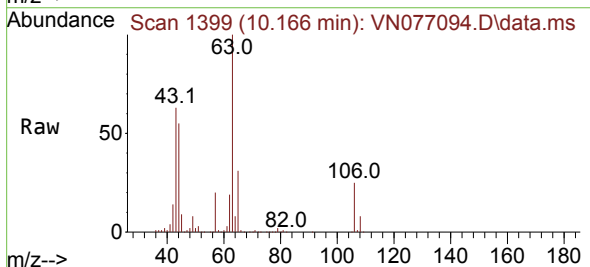
Acq: 21 Mar 2023 16:47

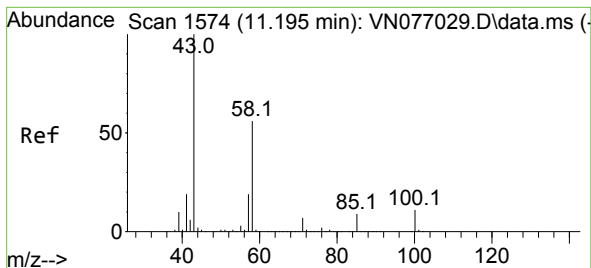
Tgt Ion: 63 Resp: 821226

Ion Ratio Lower Upper

63 100

106 25.3 20.6 31.0

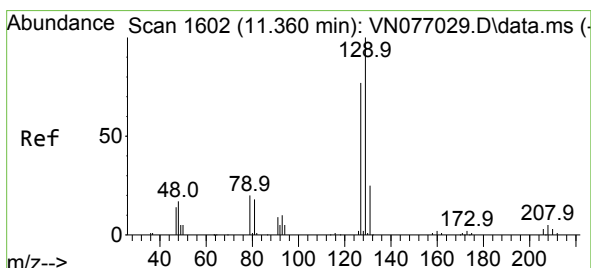
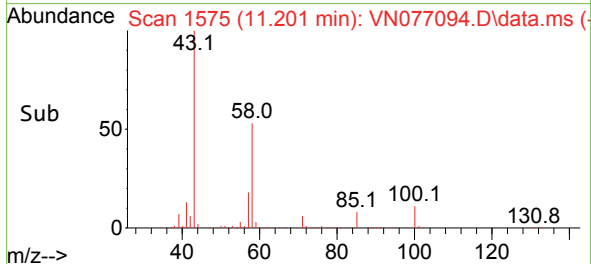
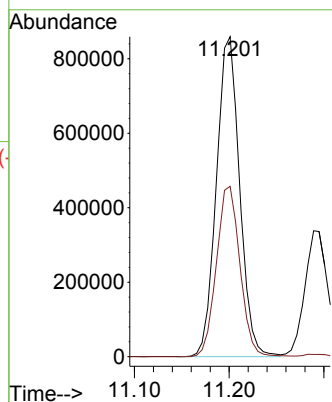
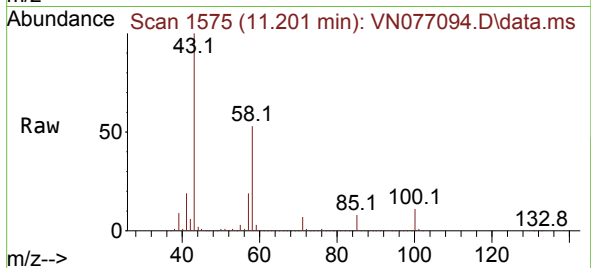




#59
2-Hexanone
Concen: 256.380 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

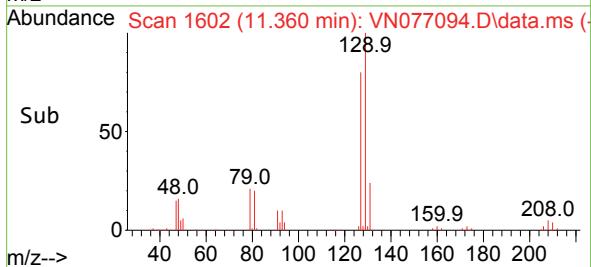
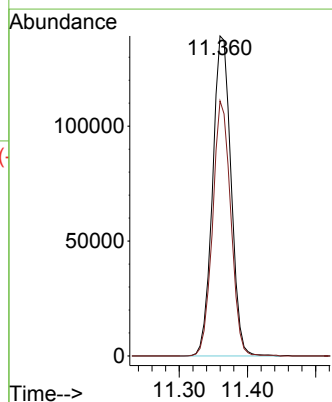
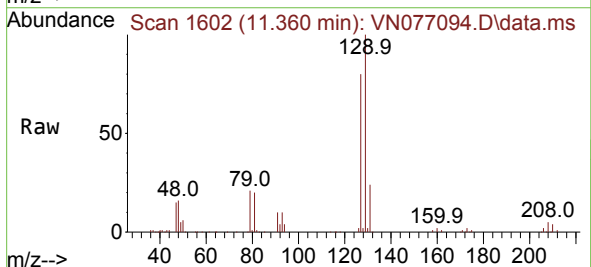
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

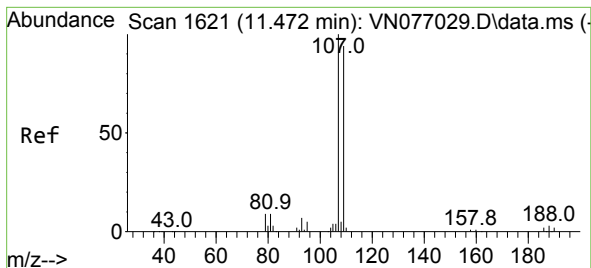
Tgt Ion: 43 Resp: 1465618
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.1



#60
Dibromochloromethane
Concen: 48.249 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:129 Resp: 262063
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

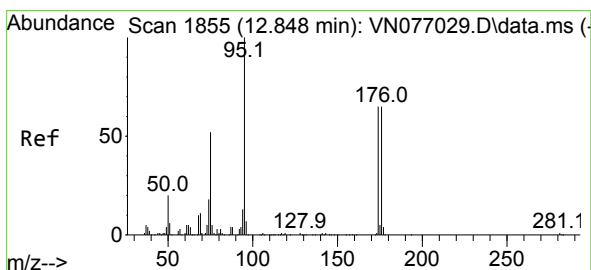
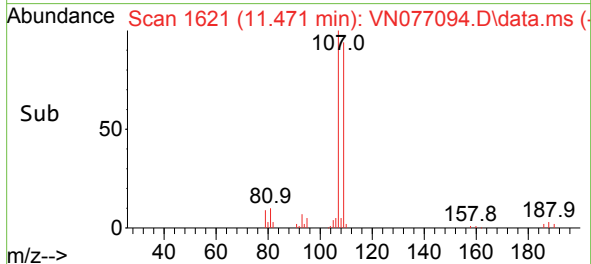
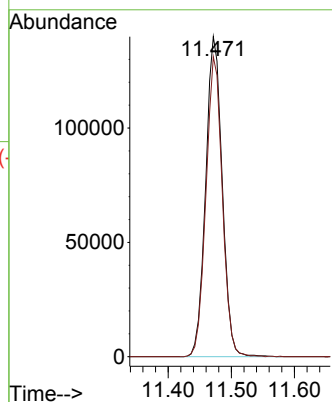
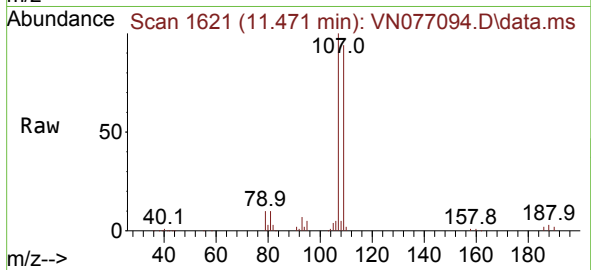




#61
1,2-Dibromoethane
Concen: 47.336 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

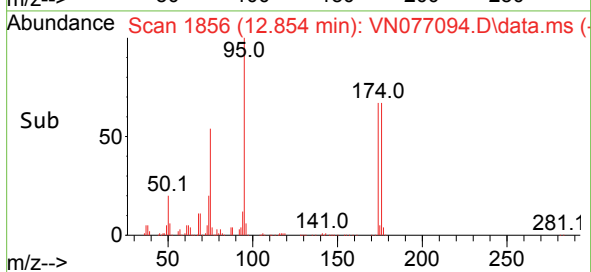
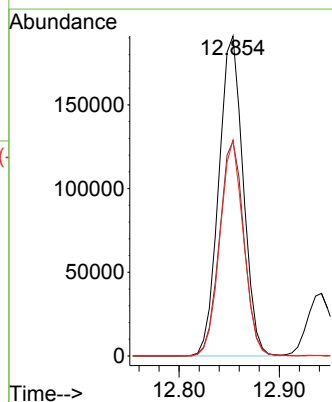
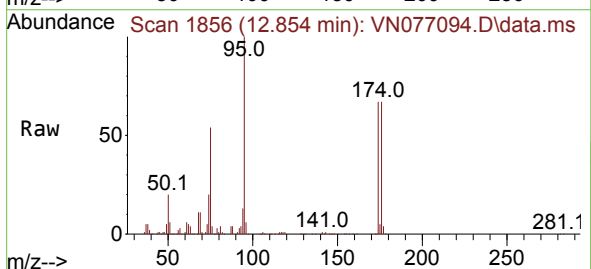
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

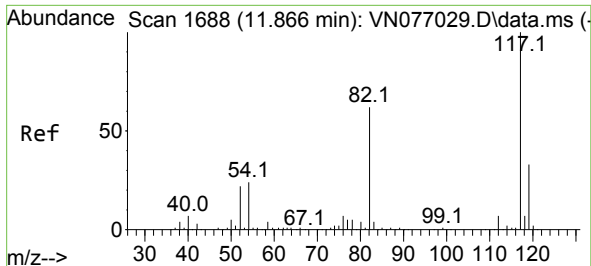
Tgt Ion:107 Resp: 253813
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.602 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 95 Resp: 321904
Ion Ratio Lower Upper
95 100
174 67.5 0.0 136.6
176 65.1 0.0 130.0

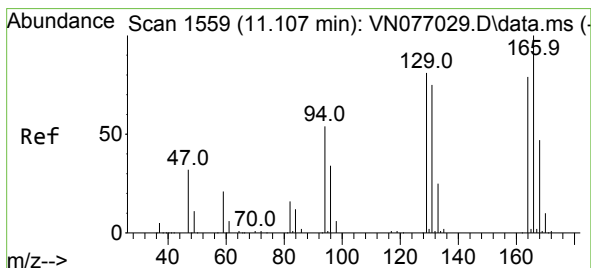
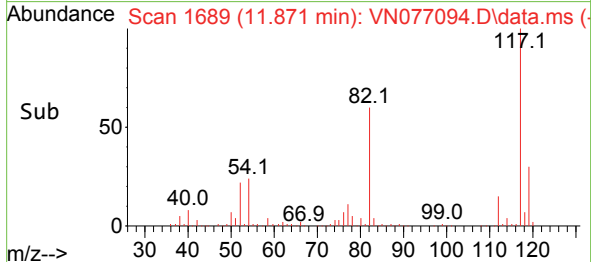
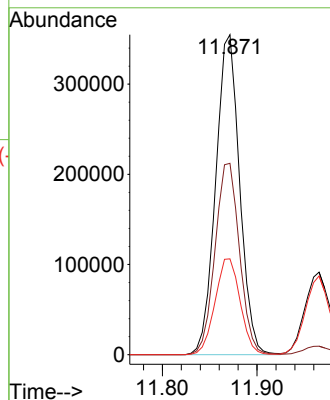
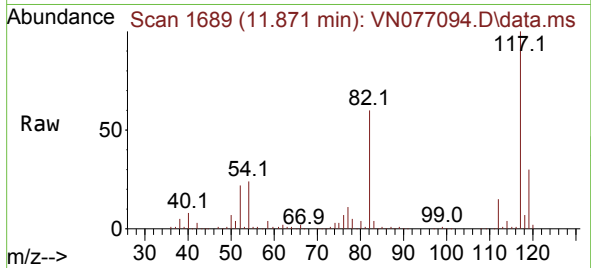




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

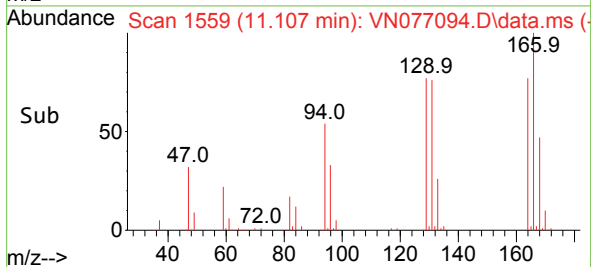
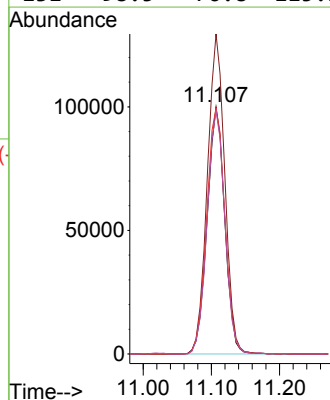
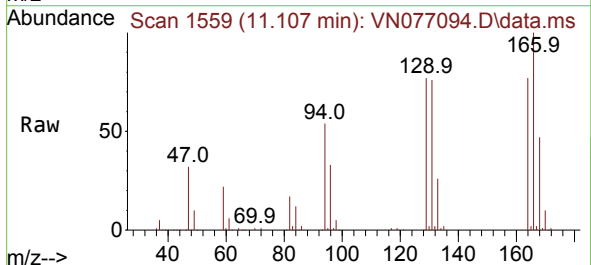
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

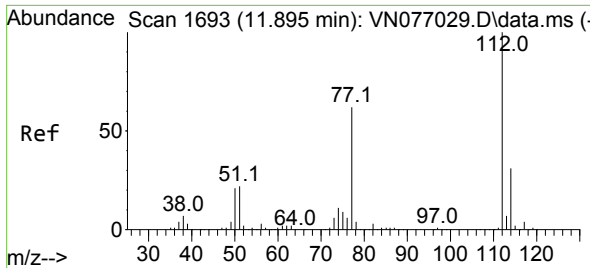
Tgt Ion:117 Resp: 624521
Ion Ratio Lower Upper
117 100
82 59.8 49.4 74.0
119 29.9 26.5 39.7



#64
Tetrachloroethene
Concen: 42.731 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:164 Resp: 179103
Ion Ratio Lower Upper
164 100
166 129.7 101.9 152.9
129 99.8 82.6 123.8
131 98.5 76.8 115.2

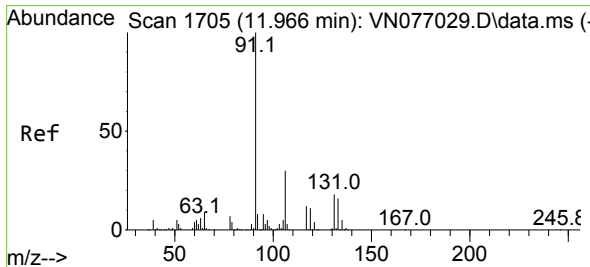
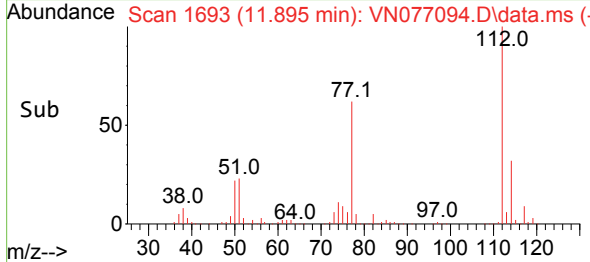
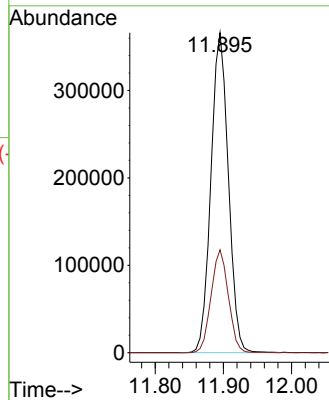
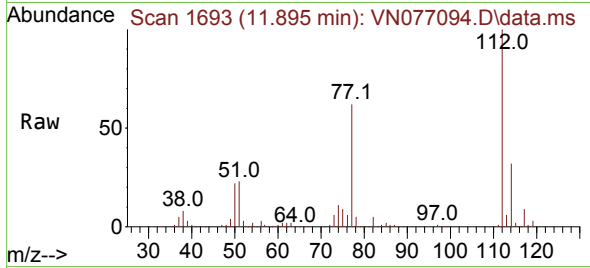




#65
Chlorobenzene
Concen: 45.356 ug/l
RT: 11.895 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

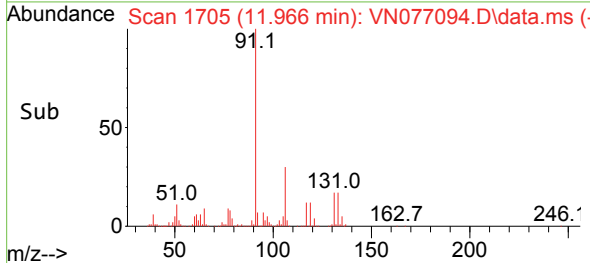
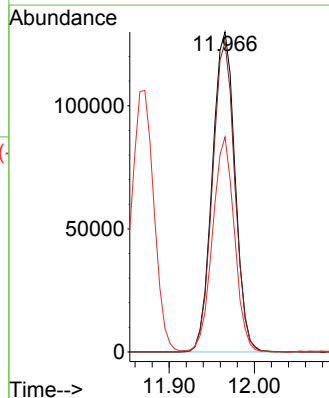
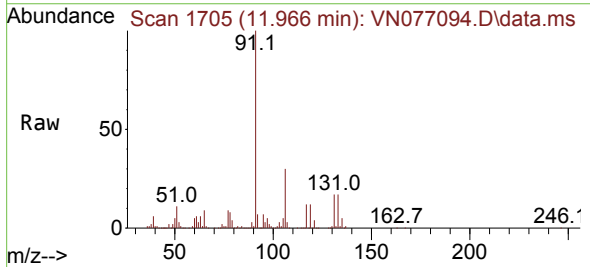
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

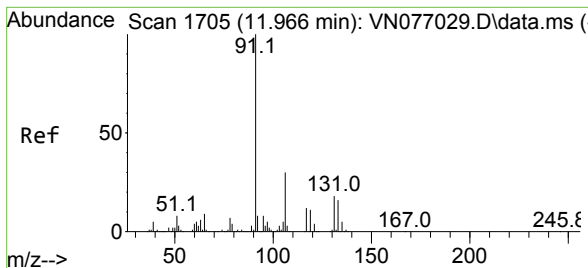
Tgt Ion:112 Resp: 651738
Ion Ratio Lower Upper
112 100
114 32.1 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.197 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:131 Resp: 240313
Ion Ratio Lower Upper
131 100
133 95.2 46.8 140.3
119 64.8 32.6 97.8

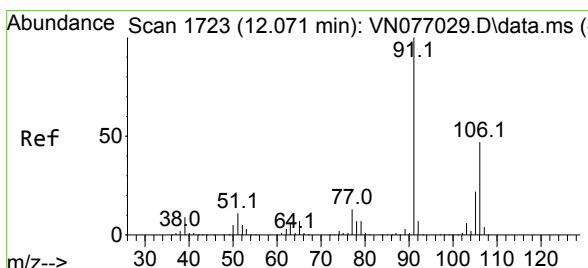
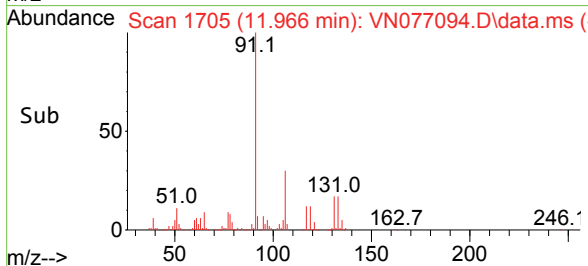
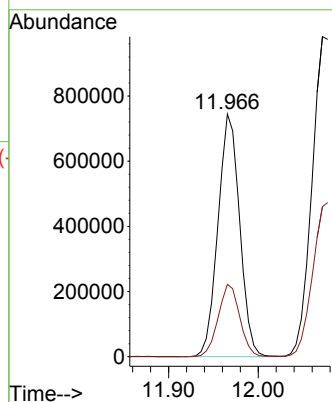
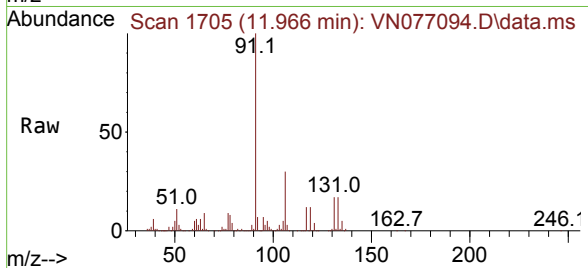




#67
Ethyl Benzene
Concen: 47.846 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

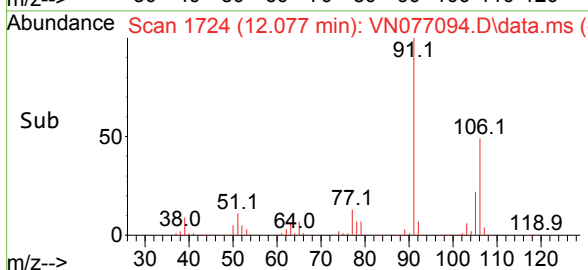
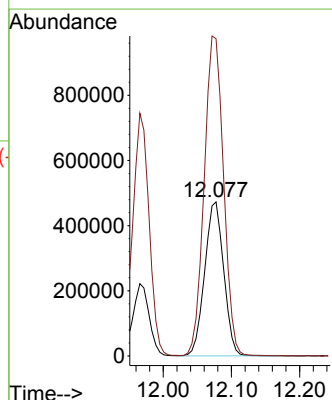
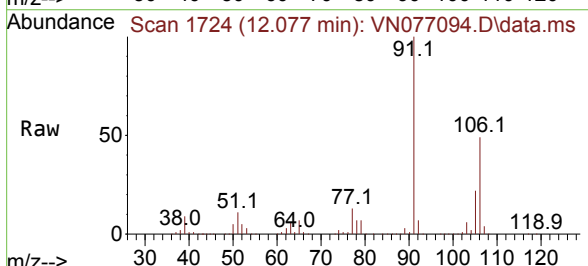
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

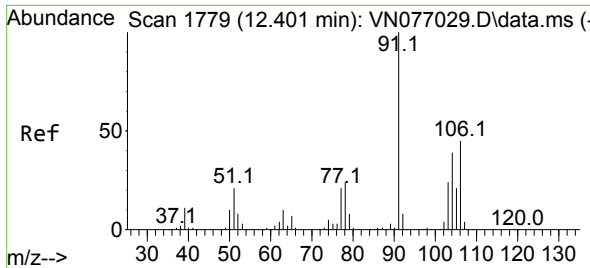
Tgt Ion: 91 Resp: 1248796
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5



#68
m/p-Xylenes
Concen: 94.787 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:106 Resp: 917516
Ion Ratio Lower Upper
106 100
91 211.9 168.0 252.0

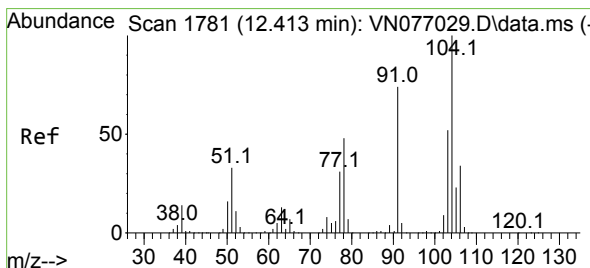
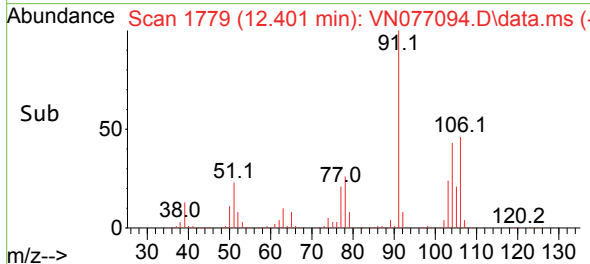
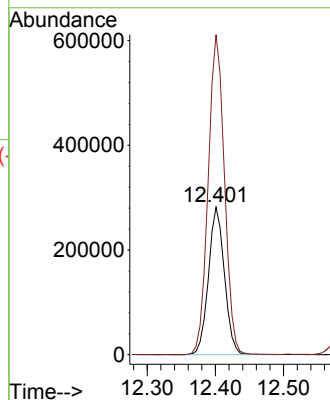
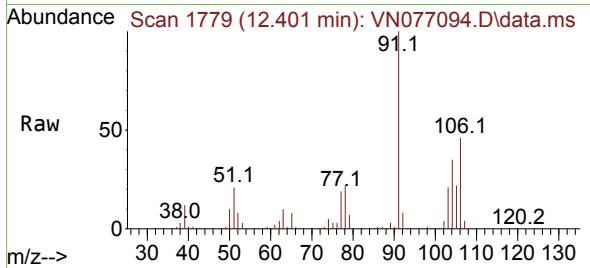




#69
o-Xylene
Concen: 47.720 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

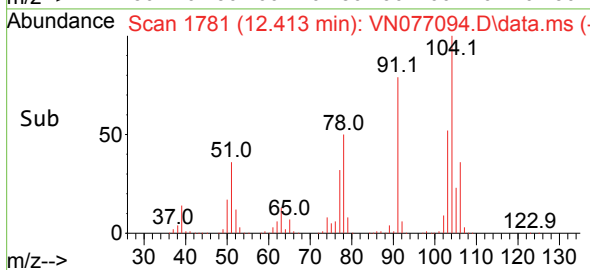
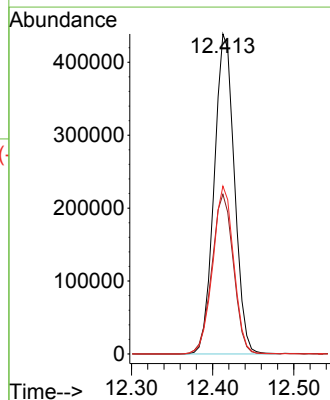
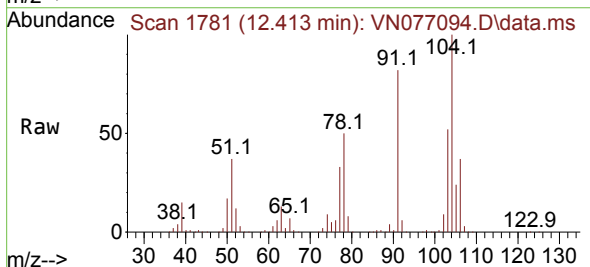
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

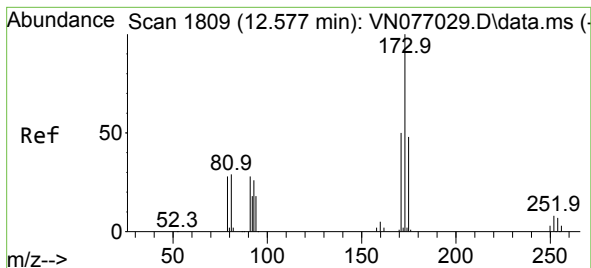
Tgt Ion:106 Resp: 458973
Ion Ratio Lower Upper
106 100
91 221.9 110.3 330.9



#70
Styrene
Concen: 50.848 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:104 Resp: 761412
Ion Ratio Lower Upper
104 100
78 53.0 41.8 62.8
103 54.3 43.8 65.6





#71

Bromoform

Concen: 48.495 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

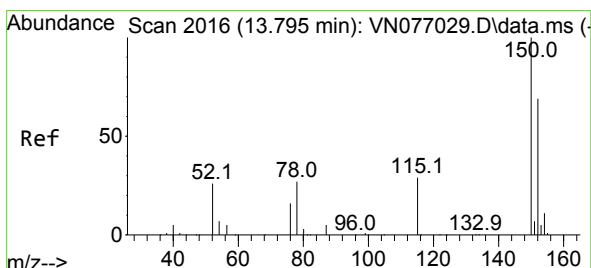
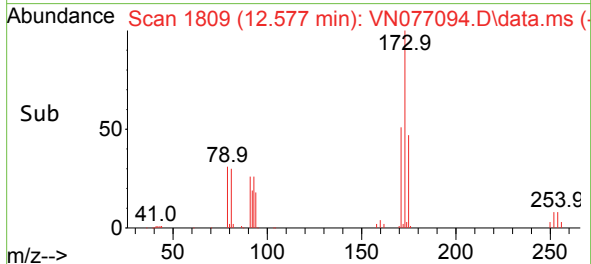
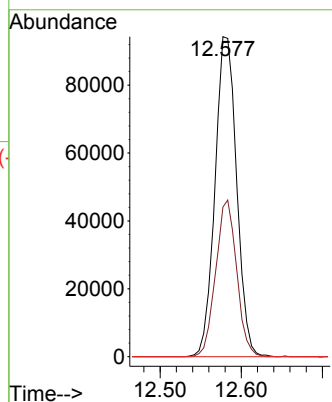
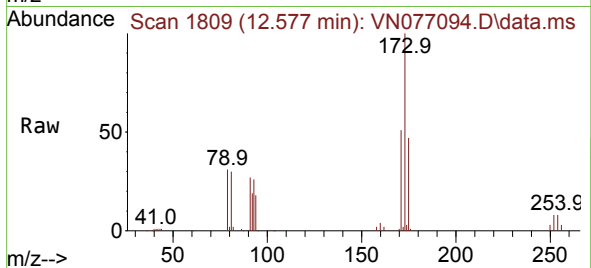
Tgt Ion:173 Resp: 174724

Ion Ratio Lower Upper

173 100

175 47.4 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

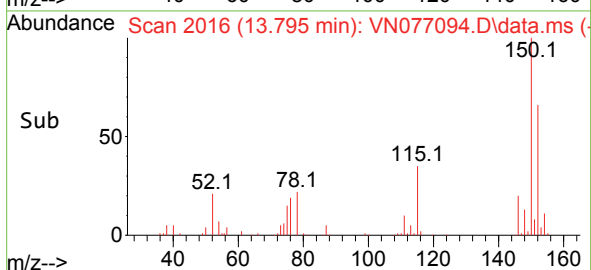
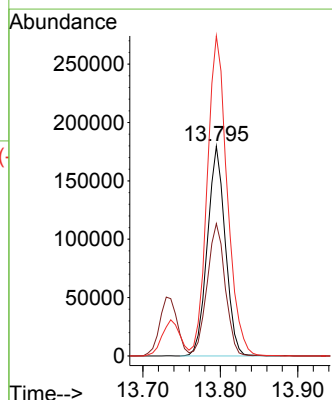
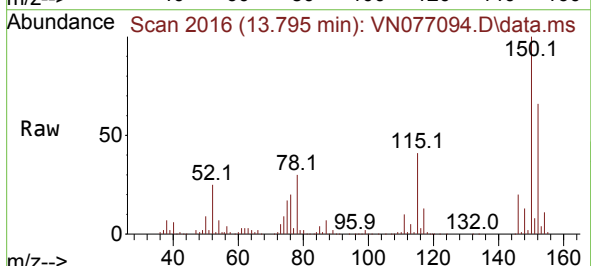
Tgt Ion:152 Resp: 288514

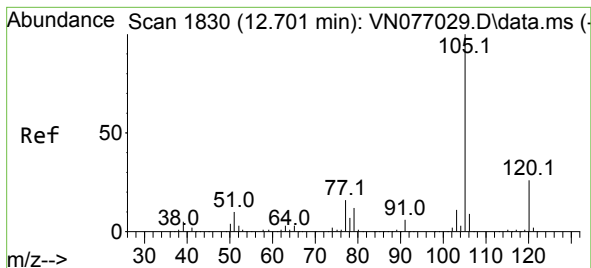
Ion Ratio Lower Upper

152 100

115 63.8 31.9 95.7

150 170.1 0.0 348.0





#73

Isopropylbenzene

Concen: 46.490 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

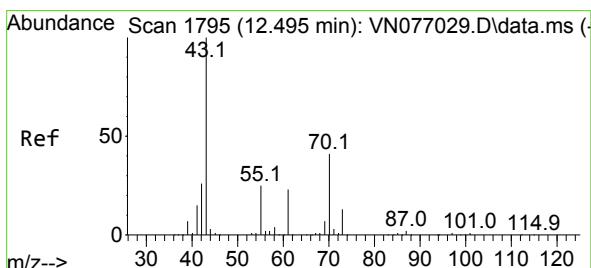
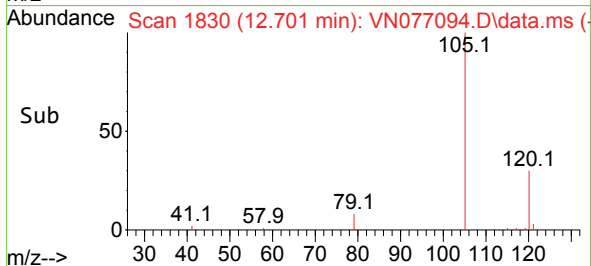
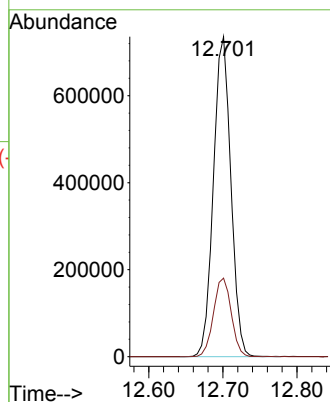
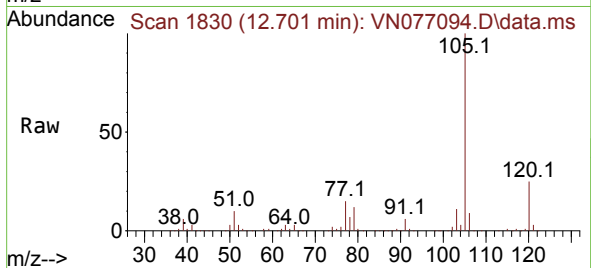
VSTDCCC050EC

Tgt Ion:105 Resp: 1202027

Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.4



#74

N-ethyl acetate

Concen: 50.297 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Tgt Ion: 43 Resp: 562894

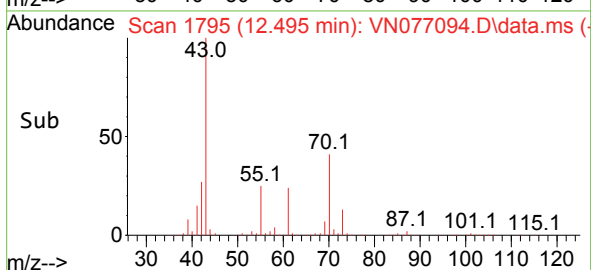
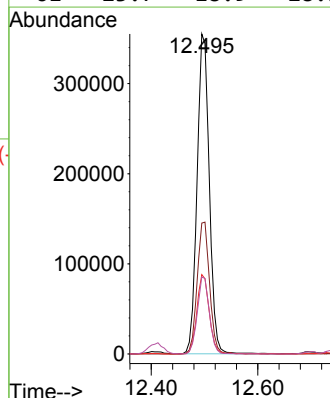
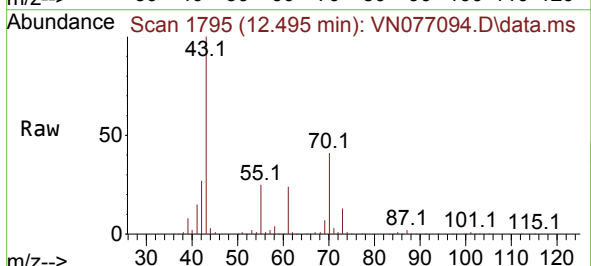
Ion Ratio Lower Upper

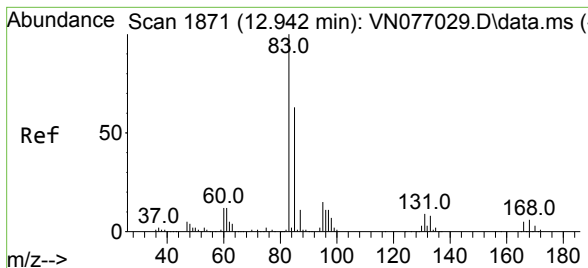
43 100

70 42.0 33.6 50.4

55 25.2 20.3 30.5

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 42.640 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

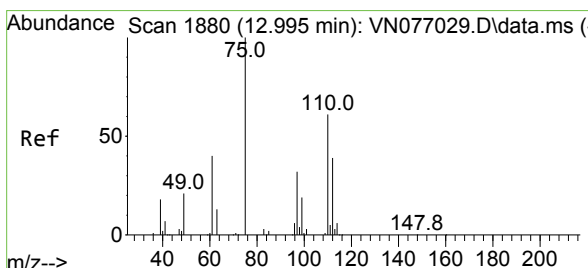
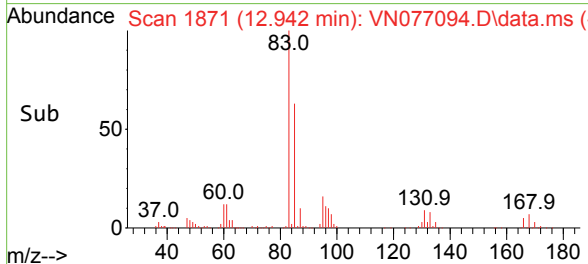
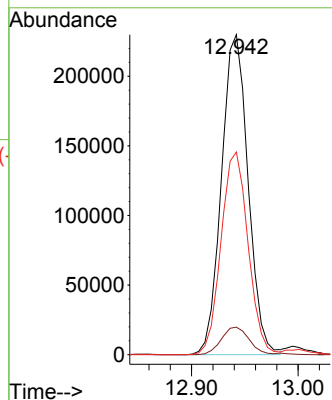
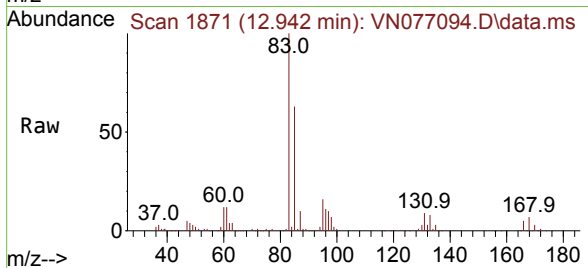
Tgt Ion: 83 Resp: 399420

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

85 64.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 68.307 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077094.D

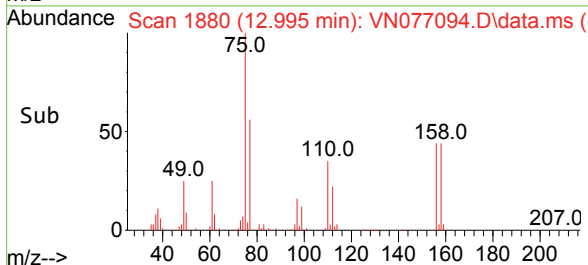
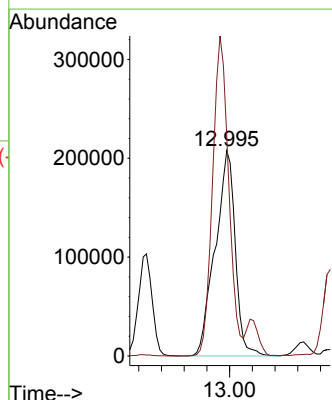
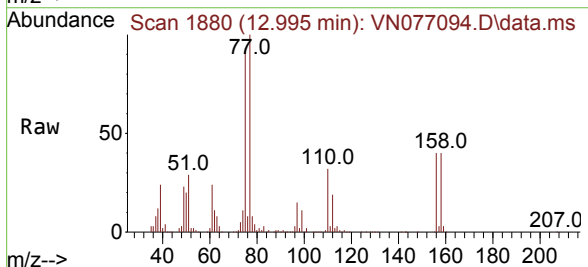
Acq: 21 Mar 2023 16:47

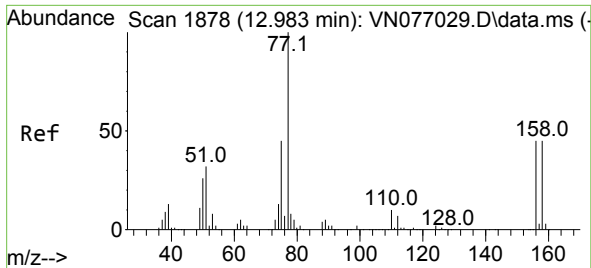
Tgt Ion: 75 Resp: 509763

Ion Ratio Lower Upper

75 100

77 125.2 107.3 322.0

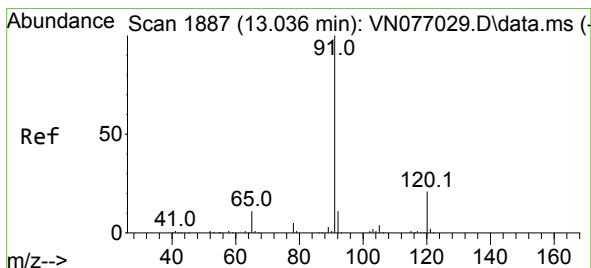
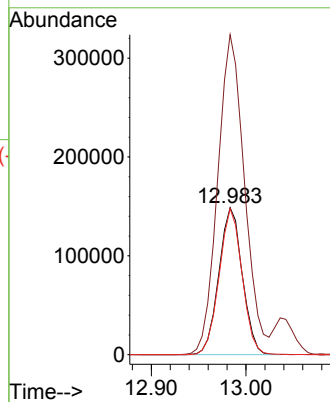
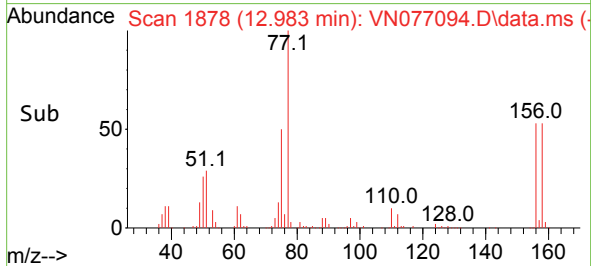
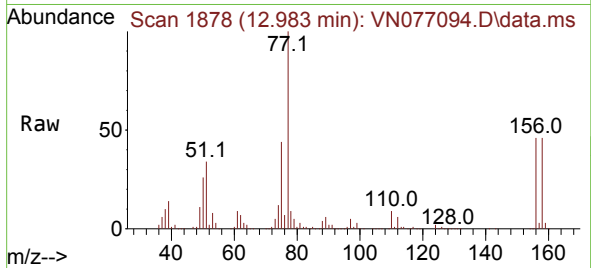




#77
Bromobenzene
Concen: 44.204 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

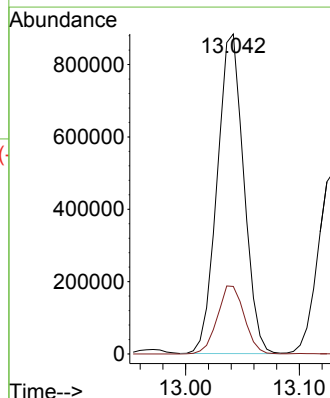
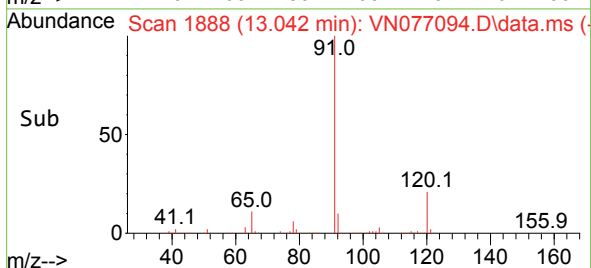
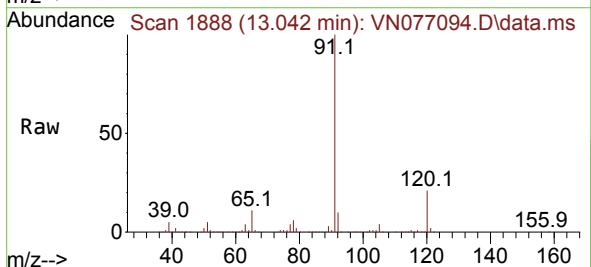
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

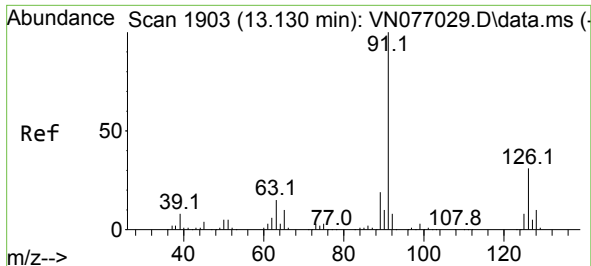
Tgt Ion:156 Resp: 256029
Ion Ratio Lower Upper
156 100
77 249.2 124.8 374.3
158 97.1 48.6 145.9



#78
n-propylbenzene
Concen: 48.161 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 91 Resp: 1437501
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3

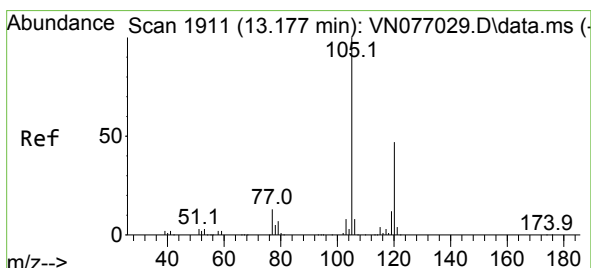
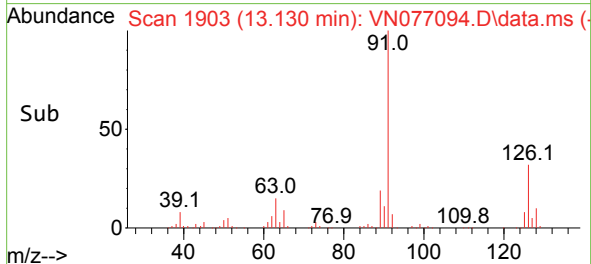
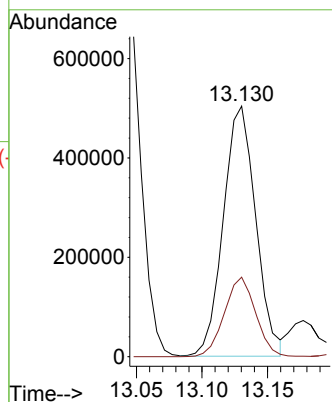
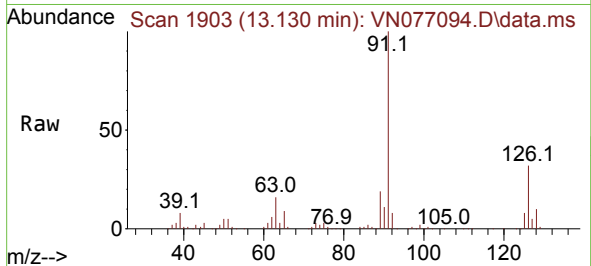




#79
2-Chlorotoluene
Concen: 45.538 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

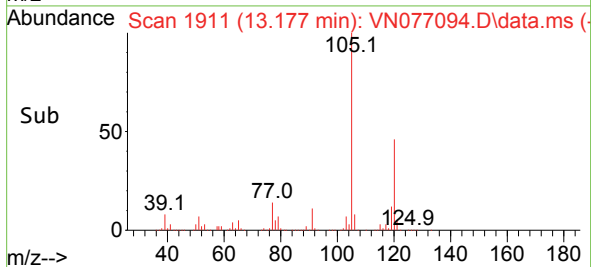
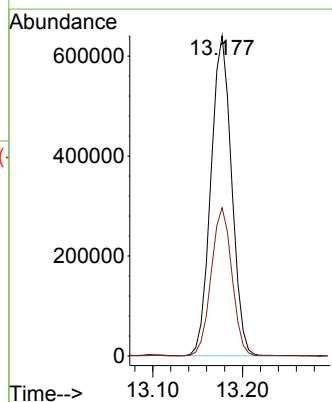
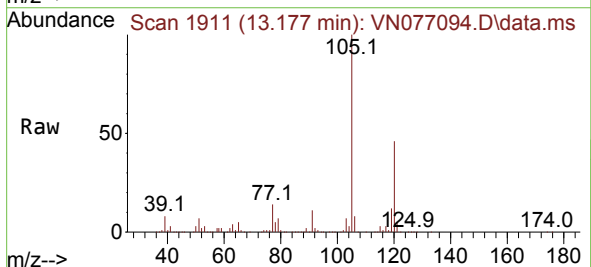
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

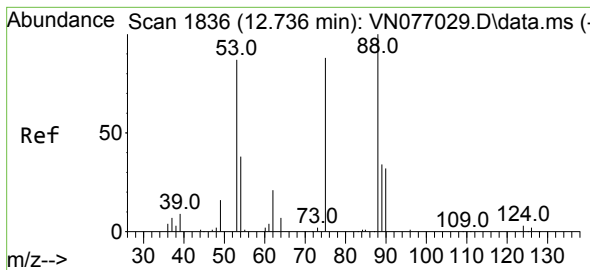
Tgt Ion: 91 Resp: 866072
Ion Ratio Lower Upper
91 100
126 30.7 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 47.581 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 105 Resp: 1027138
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.2

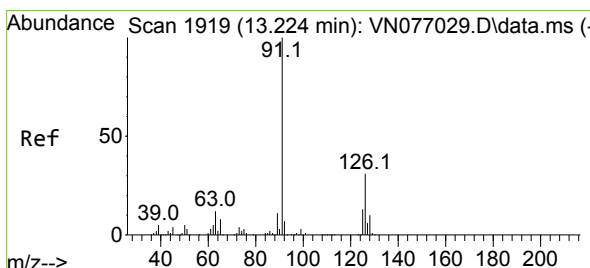
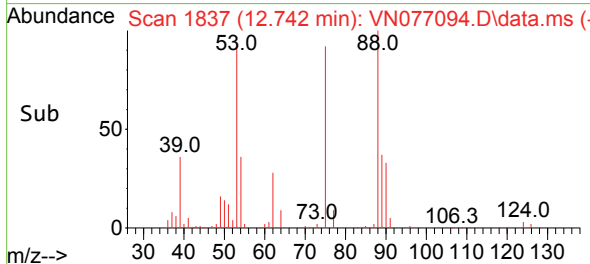
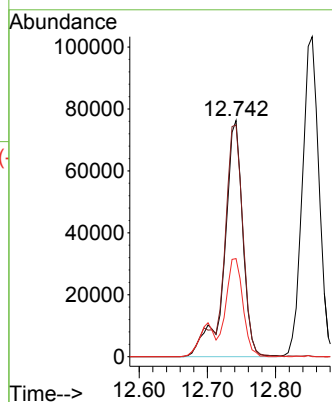
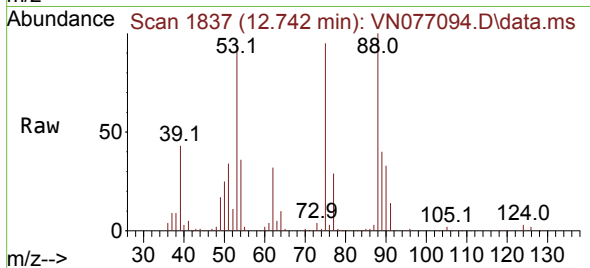




#81
trans-1,4-Dichloro-2-butene
Concen: 52.587 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

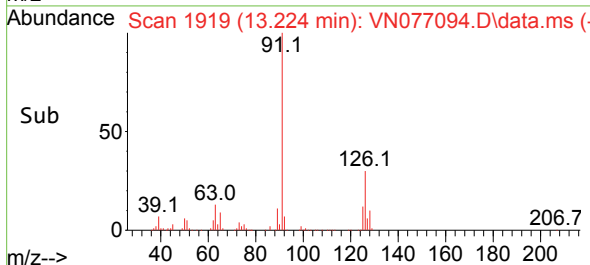
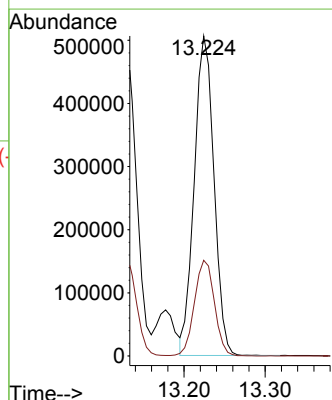
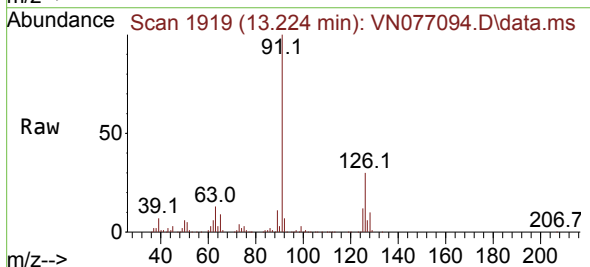
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

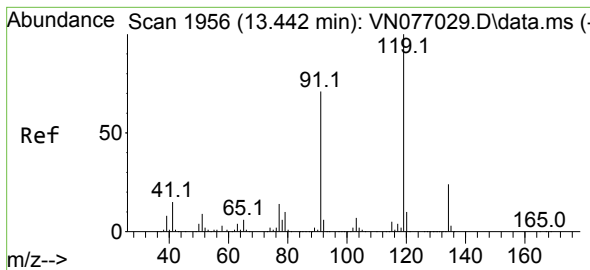
Tgt Ion: 75 Resp: 142574
Ion Ratio Lower Upper
75 100
53 102.7 80.8 121.2
89 38.5 34.2 51.4



#82
4-Chlorotoluene
Concen: 47.200 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 91 Resp: 853629
Ion Ratio Lower Upper
91 100
126 30.4 15.5 46.5

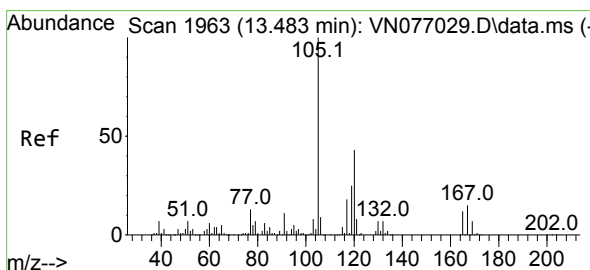
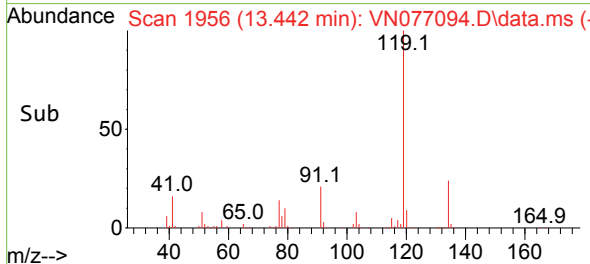
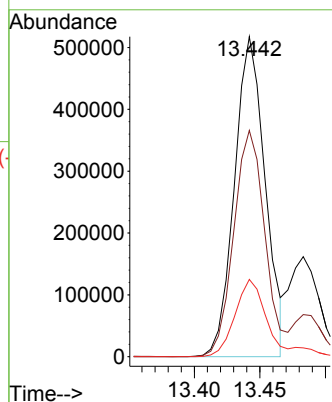
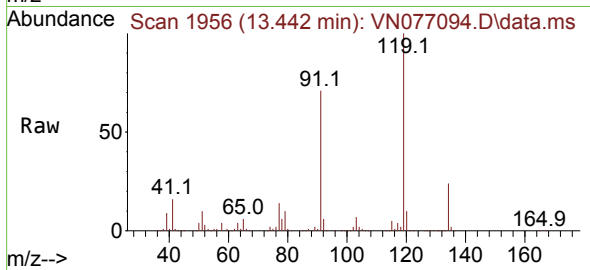




#83
tert-Butylbenzene
Concen: 46.499 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

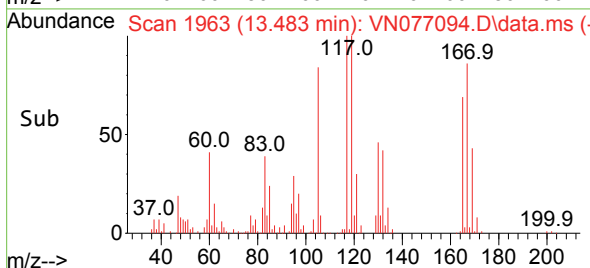
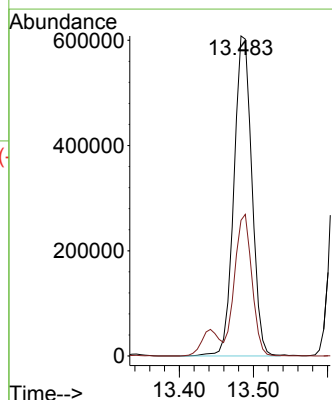
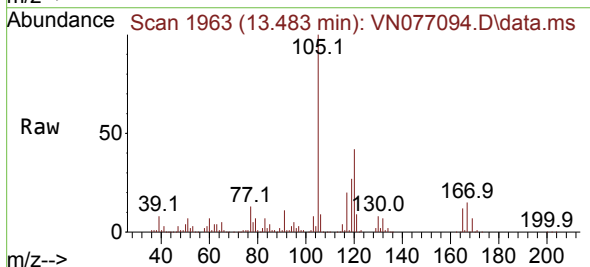
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

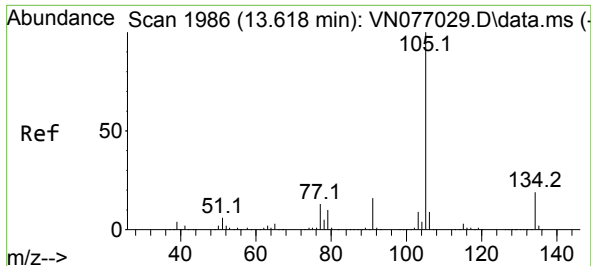
Tgt Ion:119 Resp: 842786
Ion Ratio Lower Upper
119 100
91 72.3 35.8 107.3
134 26.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 47.465 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:105 Resp: 1022498
Ion Ratio Lower Upper
105 100
120 42.8 21.8 65.3

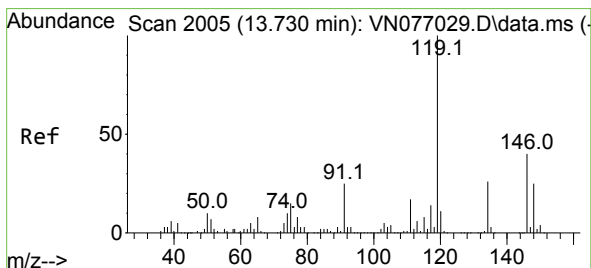
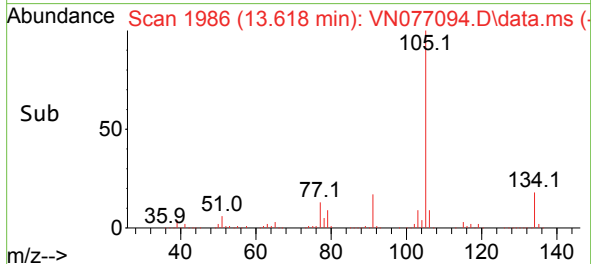
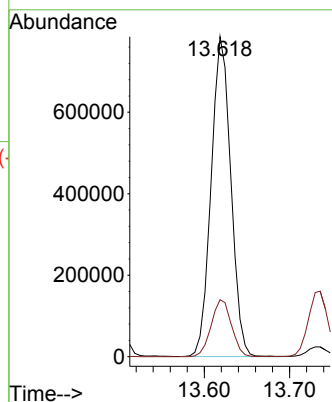
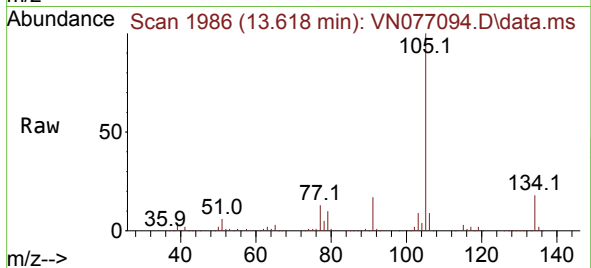




#85
 sec-Butylbenzene
 Concen: 48.886 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

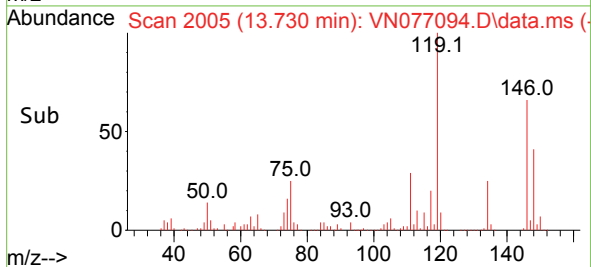
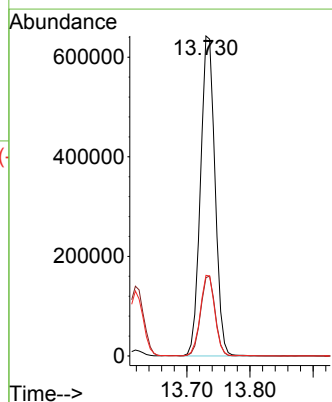
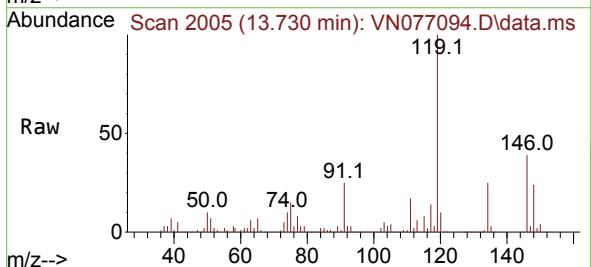
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

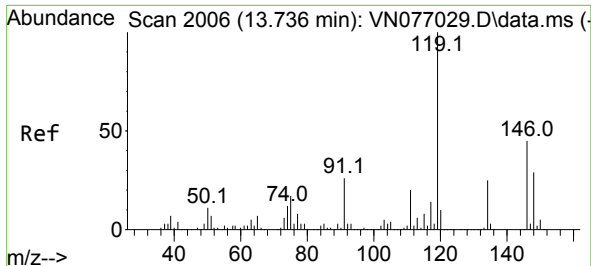
Tgt Ion:105 Resp: 1260394
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 49.501 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

Tgt Ion:119 Resp: 1024894
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.4
 91 25.1 12.7 38.1

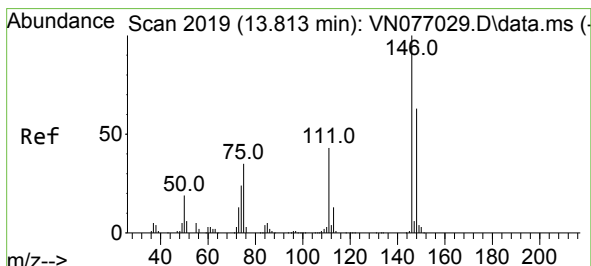
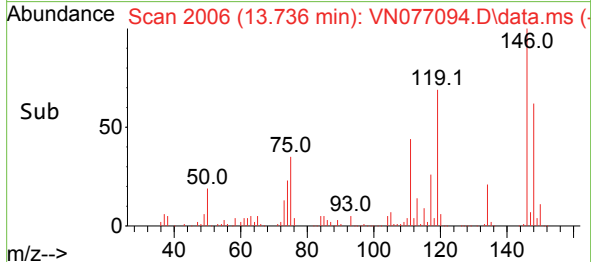
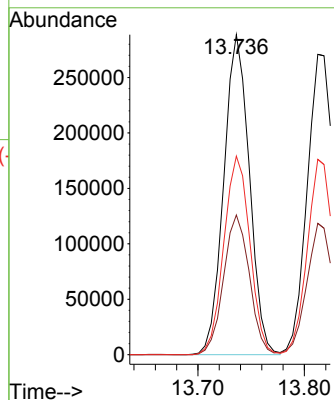
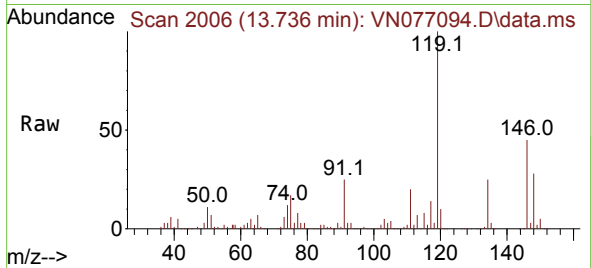




#87
1,3-Dichlorobenzene
Concen: 44.060 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

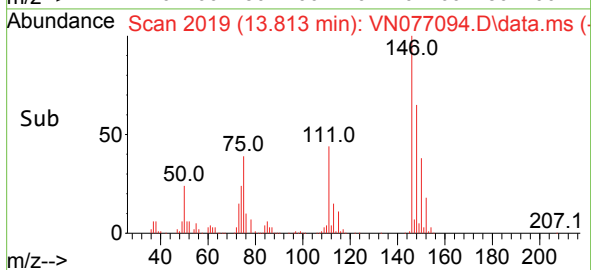
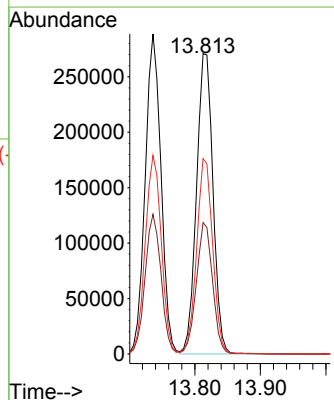
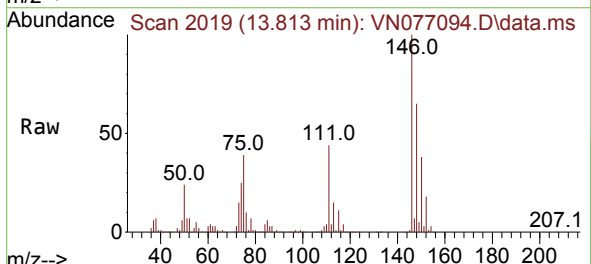
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

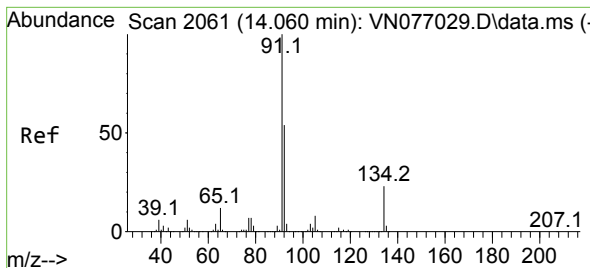
Tgt Ion:146 Resp: 482322
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 63.2 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 43.505 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:146 Resp: 473830
Ion Ratio Lower Upper
146 100
111 43.5 21.5 64.5
148 63.6 31.9 95.9

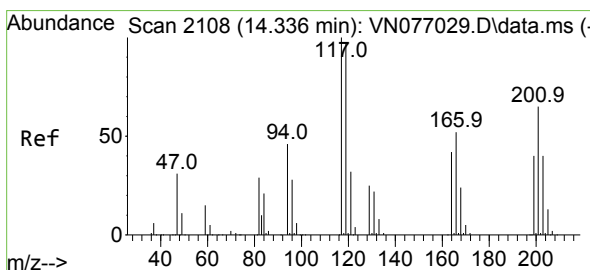
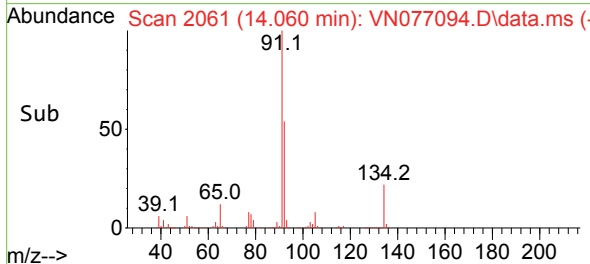
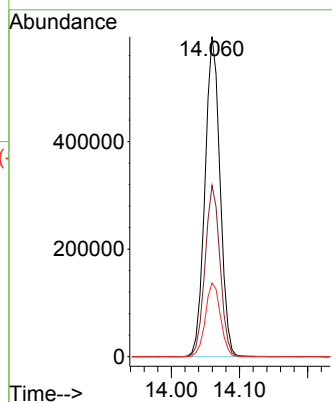
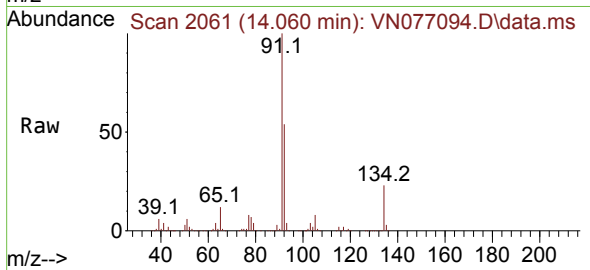




#89
n-Butylbenzene
Concen: 50.333 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

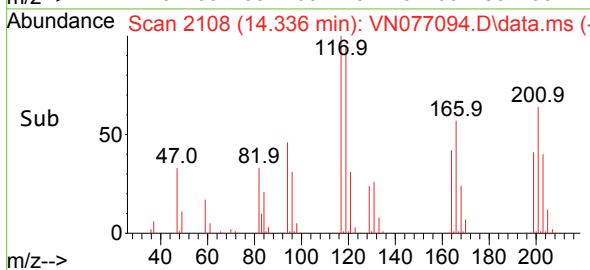
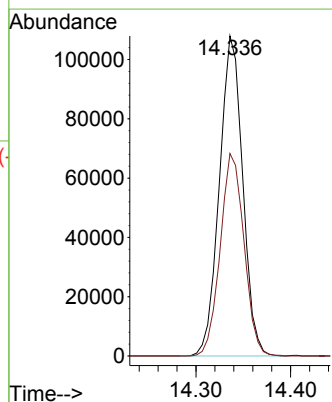
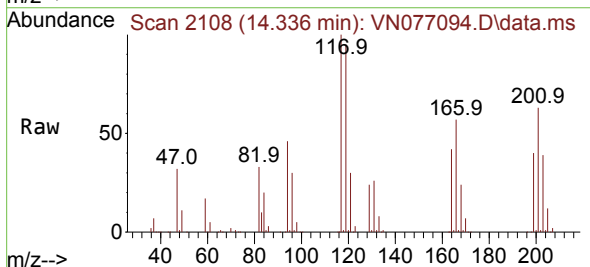
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

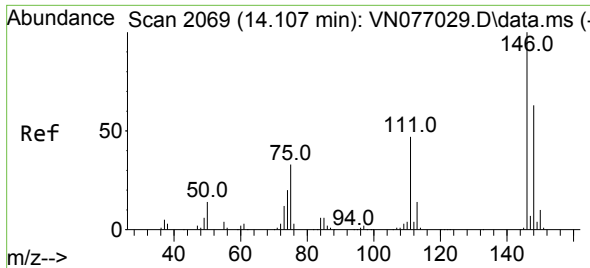
Tgt Ion: 91 Resp: 914234
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 23.1 11.7 35.1



#90
Hexachloroethane
Concen: 43.844 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion: 117 Resp: 184563
Ion Ratio Lower Upper
117 100
201 64.6 32.5 97.4

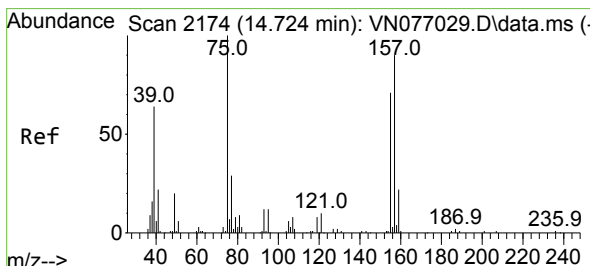
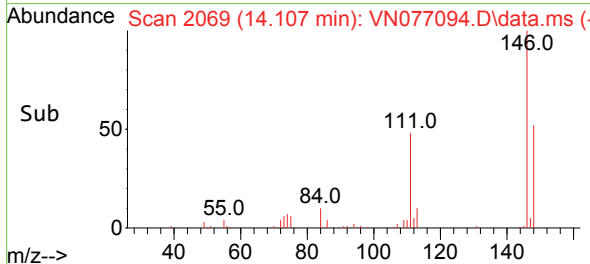
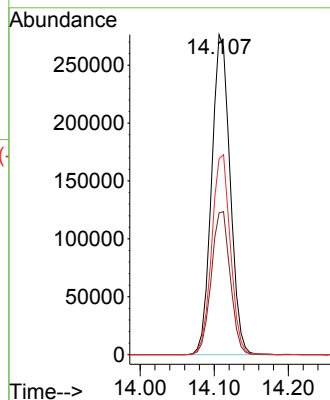
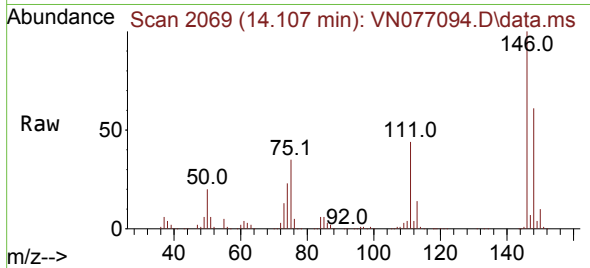




#91
 1,2-Dichlorobenzene
 Concen: 43.931 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

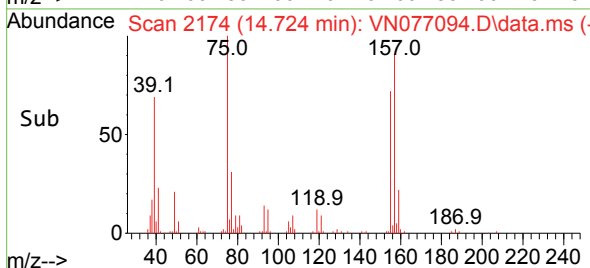
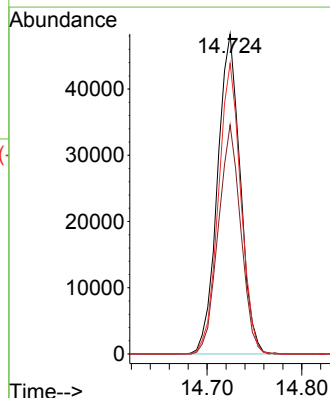
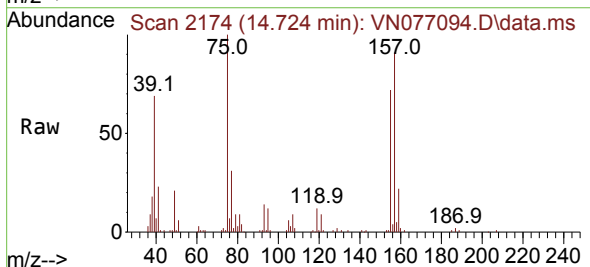
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

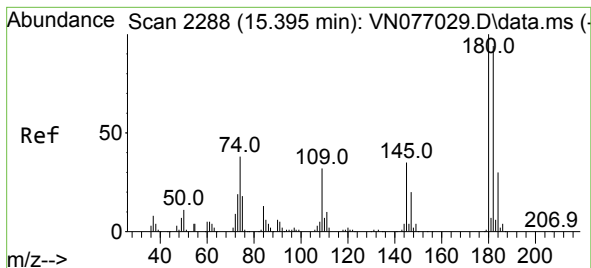
Tgt Ion:146 Resp: 479361
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.6 67.7
 148 63.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.484 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077094.D
 Acq: 21 Mar 2023 16:47

Tgt Ion: 75 Resp: 80684
 Ion Ratio Lower Upper
 75 100
 155 70.5 36.1 108.3
 157 89.2 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 48.816 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

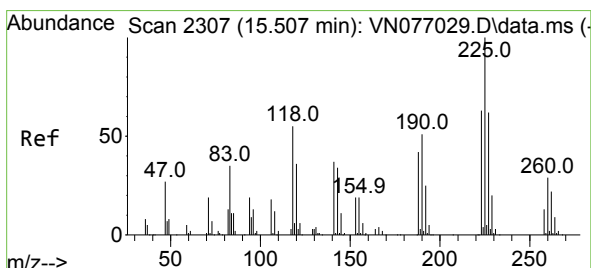
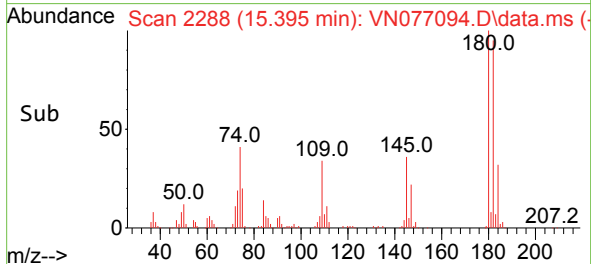
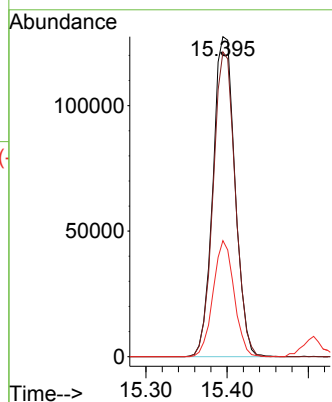
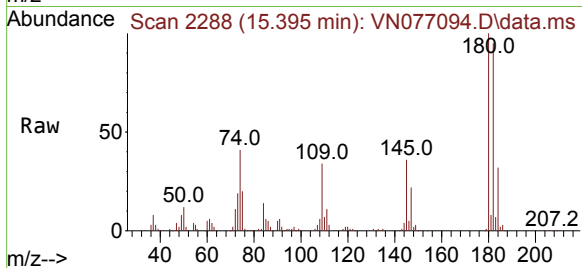
Tgt Ion:180 Resp: 240796

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 34.5 16.9 50.7



#94

Hexachlorobutadiene

Concen: 43.184 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077094.D

Acq: 21 Mar 2023 16:47

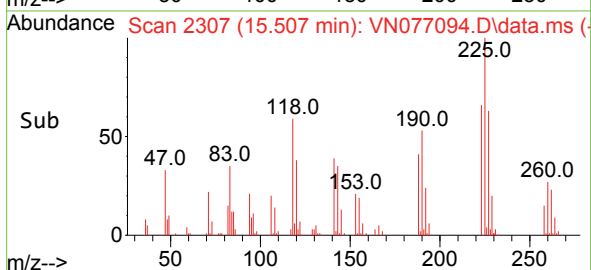
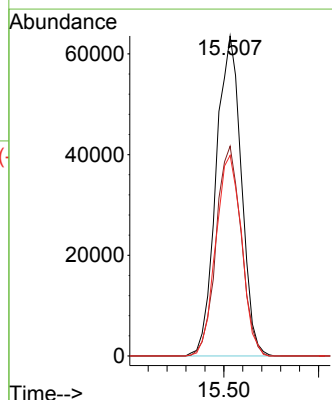
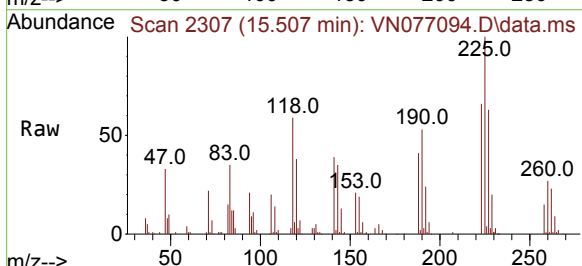
Tgt Ion:225 Resp: 117311

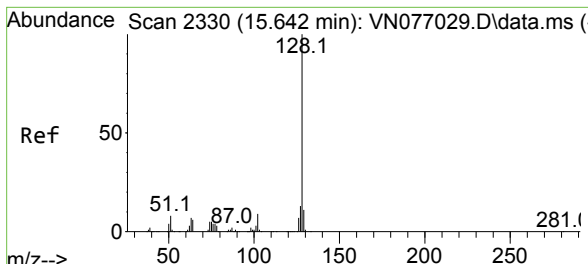
Ion Ratio Lower Upper

225 100

223 65.4 31.6 95.0

227 64.1 31.3 93.8

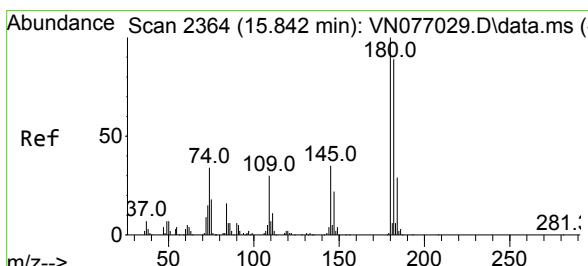
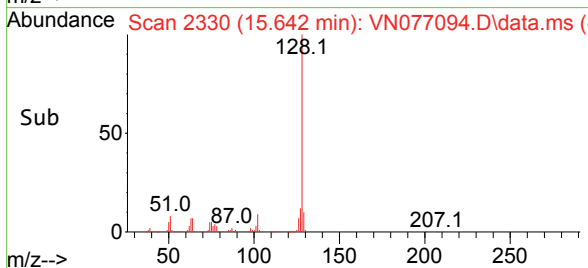
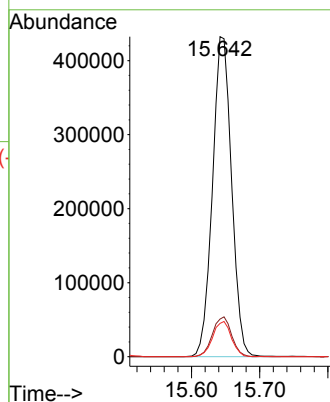
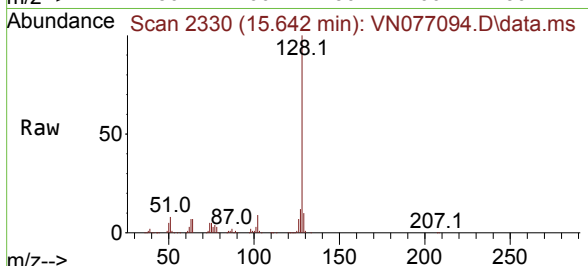




#95
Naphthalene
Concen: 44.179 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 842428
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.457 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077094.D
Acq: 21 Mar 2023 16:47

Tgt Ion:180 Resp: 239839
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 34.8 17.9 53.8

